THE AMERICAN ARCHITECT AND BUILDING NEWS

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BUILDING INTELLIGENCE.

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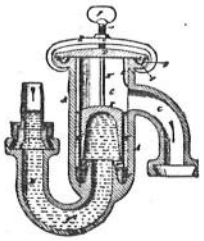
BUILDING PATENTS.

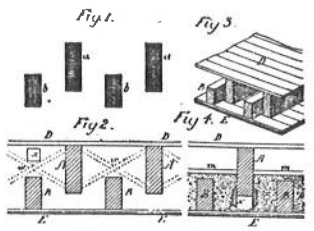
[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

245,011. TRAP FOR WASH-BASINS.—Andrew W. Nicholson, Brooklyn, N. Y. This invention relates to a fluid-trap. It is intended to allow the passage of fluids through it one way and to prevent the passage of fluids through it the other way. The seal is quicksilver and the trap works automatically. A is the body of the trap. B is the inlet and C is the outlet to the waste-pipe. D is the cap of the trap, screwed to its place by means of the clamp E and screw F. At the top of the trap is a flanged projection, *g*, in which is a groove, *f*, and into this groove the cap D fits loosely, as shown at *e e*. This groove *f* is charged with quicksilver, to prevent the escape of any gas from the body of the trap. G is the main chamber of the trap, and the inlet-pipe B is extended up above the bottom of the chamber G, so as to form a reservoir or deposit, H, around the end of the inlet-pipe B, within which the quicksilver is deposited at J. K is an inverted cup, the edges of which rest in the reservoir H, and it floats or rests by its own gravity in or on the quicksilver when the trap is not automatically opened by the force of the current flowing through it. The operation of the trap when applied to wash basins is as follows: When the basin of water, which is above the level of the extended pipe B within the chamber G, is discharged of its water, the pressure of the water upon the inside of the inverted cup K raises



it within the chamber G sufficiently to permit the water to flow past the outlet C and be discharged into the waste-pipe. When the basin is discharged of its water the inverted cup K again descends and its edges again rest in or on the quicksilver in the reservoir H, thereby securely sealing automatically the trap, so that no gas can pass from the waste-pipe to the basin. The water in the trap is thereby separated by the quicksilver into two distinct portions, the one portion, L, of the water being above or on the outlet side of the quicksilver, and the other, P', below or on the inlet side of the quicksilver, so that should the water exposed to the action of the sewer-gas on the outlet side of the trap become contaminated the water on the inlet or basin side of the trap would be pure or free from such contamination, or, in absence of the water-seal, the quicksilver-seal is ample. The inverted cup K should be a trifle heavier than the water it displaces when immersed in water with its mouth downward, to insure the descent of the cup and allow its edge to rest in or on the quicksilver.

249,645. CONSTRUCTION OF BUILDINGS.—John B. Love, Philadelphia, Pa. The object of this invention is to so arrange two sets of beams, one set for supporting the floor and the other for carrying the ceiling, and to so isolate them from each other that shocks and jars imparted to the floor will not be imparted to the ceiling below, and so that the structure may, in a great measure, prevent the communication of noises from one room to another. A A are the main beams of the floor of a room; B B, the beams, which carry



the ceiling E of the room below. These main beams are built into the opposite walls at points shown at *a a*, Fig. 1, and the beams B B at points *b b*, Fig. 1, so that the beams of one set shall be situated between those of the other set, thus permitting the beams A to extend downward below the upper edges of the beams B, an arrangement which diminishes the depth

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NOTES AND CLIPPINGS. . . . . .

STEPS have been taken toward the formation of architects in Minnesota. At an informal m Paul a few days ago, a majority of the architec its neighbor and rival Minneapolis were pre elected, committees appointed, and a day set for at which a permanent organization should be no part of the United States where the prospe sociation would be more promising, and we profession at large, as well as the architects its formation. Those who have experienced such a society can bestow upon its members professional enthusiasm by the opportunity v offering and receiving sympathy in profes wholesome emulation which it fosters amo more to deserve the approval of their rivals tickle the fancy of the vulgar, with the mu and respect which follows acquaintance and should do what they can to promote the cou bodies, wherever the material exists for the be certain that their endeavors will be well

AFTER the local societies have been form very important step, is the establishment o respondence between them, which may serve to unite the interests and promote the mutu bers of the profession throughout the cou fore referred to the wise, but neglected ru Institute of Architects, which requires th each affiliated Chapter shall send to the other Chapter a copy of the notice of e own society, besides copies of other pri pared for the use of its members. It wou mate the value which the systematic obs would have to the architectural world. I the meetings of such bodies are of a social erative character, but even though the not of a single line, it is none the less pleasan secretary to receive them, and to feel that bered by all the others, while the simple f society gains with the names of membe bond of union more powerful than might l of business of real importance to architec way is thus prepared for securing a profes may often be of the utmost value, and th tate one society would naturally excite di to their mutual benefit. We have nev fashion of setting a particular day on v and sloth and commence the practice tempted to make an exception to our rul during 1882 every architectural society i connected with the Institute or not, shall retary to the secretary of every other s printed notices and papers of every ki year. The list of such bodies is not lo stated meetings of each is small. A bo

SUMMARY OF THE WEEK.

Baltimore.

HOUSE.—Mr. Chas. E. Cassell, architect, has prepared drawings for a dwelling, 20' x 67', to be built cor. of Biddle and Calvert Sts., for Mr. Solomon Corner. The building will have two stories, mansard roof and basement, be faced with white marble, and cost $15,000.

BUILDING PERMITS.—Since our last report six permits have been granted, of which the more important are as follows:—

Darby & Co., additional st'y to warehouse, s e cor. Baltimore and Howard Sts.

Jos. M. Cone, 5 three-st'y brick buildings, Arlington Ave., beginning at the n e cor. George St.

Wm. Reid, two-st'y brick building, s e cor. Carlton St. and Harmony Lane.

A. J. Abell, two-st'y brick building, 26' x 35', German St., in rear of No. 499 Baltimore St.

Boston.

THEATRE.—The new theatre which Mr. Fred Vokes is about to build will, it is said, be located on Temple Place.

FREIGHT-STATION.—The Eastern Railway is laying the foundation for an immense freight-station on Rutherford Avenue.

DECEMBER REPORT.—During December, 10 brick and 73 wood permits were granted at the office of Inspector of Buildings.

The report for the year will not be ready for two or three weeks, but comparing the permits granted during 1881 with those of 1880, there has been considerable advance. Brick permits are about equal; wood permits show an advance of about 40 per cent, and those for alterations and repairs an advance of about 50 per cent.

BUILDING PERMITS.—*Brick.*—*Tremont St.*, cor. Castle St., Ward 16, for Boston & Albany R. R. Co., milk depot, 29' x 342', two-and-three-st'y; Rummery & Maxwell, builders.

Kingston, Bedford, and Columbia Sts., Ward 10, for Eben D. Jordan and Charles Marsh, mercantile, 96'1" x 159'4", 104' 7" x 190' 8", six-st'y; Mr. T. E. Stuart, builder.

Curve St., near Broadway extension, Ward 12, for Geo. S. Johnson, stable, 55' x 176', and 78' x 212', three-st'y.

Leverett St., near Charles St., Ward 8, for D. F. Flagg, store and dwell., 18' x 28' 6", one-st'y and mansard; Maurice Damon, builder.

Wood.—*Medford St.*, rear of, nearly opposite Polk St., Ward 3, for O. S. Clark and G. L. Smith, sawmill, 35' x 60'; Geo. M. Starbird, builder.

Old Harbor Point, Ward 24, for City of Boston, pumping-station, 46' 6" x 51' 6", storehouse, 50' x 75', and storage of cement, 27' x 69'; Thomas Keyes, builder of above. Stable and wagon-shed, 29' 6" x 45'; storage of cement, 20' x 26' 3", and 26' 3" x 56' 3", two-st'y; and storage, 34' 6" x 49' 6"; saw-mill, 20' 3" x 25' 6" and 13' x 21'; and tool-house, 11' x 15' 4"; Geo. Souther, builder.

Heath Pl., near Minden St., Ward 22, for John Bleiler, stable, 16' x 24'; Frank A. Schell, builder.

Water St., Ward 5, for Hoosac Tunnel Dock and Elevator Co., office-building, 20' x 76', two-st'y; M. T. Sprague, builder.

Bailey St., rear Washington St., Ward 24, for Wm. McCarty, stable, 12' x 18'; Wm. McCarty, builder.

Church St., near Brooks St., Ward 1, for John F. Slattery, dwell., 22' x 32', two-st'y; John F. Slattery, builder.

White St., No. 43, Ward 1, for J. Henry Stephenson, dwell., 21' x 30', two-st'y; J. Henry Stephenson, builder.

Road.—*Jamaica St.*, near Woodman St., Ward 23, for John Patten, dwell., 18' x 24', two-st'y; Melvin D. Ayers, builder.

Boston St., near Warren St., Ward 21, for Winthrop Walcott, 2 dwells., 22' 6" x 31'; ell, 18' x 18', two-st'y.

Old Harbor Point, Ward 24, for N. F. Palmer & Co., pattern-shop, 20' x 59'; J. B. Keene, builder.

Old Harbor Point, Ward 24, for N. F. Palmer & Co., machine-shop, 26' 4" x 60' 6"; J. B. Keene, builder.

Old Harbor Point, Ward 24, for City of Boston, dwell., 36' x 74' 6", dwell. and storage, 21' 6" x 80'.

West Sixth St., near D St., Ward 3, Patrick Brady, dwell., 20' x 30', three-st'y.

Armory St., rear, near Codman Ave., Ward 23, for Burgess & Perry, mill, 33' x 96'; 3 ells, 22' x 25', 22' x 45', and 10' x 20'; Creesy & Noyes, builders.

Armory St., rear, near Codman Ave., Ward 23, for Burgess & Perry, foundry, 44' and 64' x 214'.

Unnamed St., nearly opposite Stark St., Ward 4, for Richard S. Barrett, dye-house, 40' x 100' three-st'y; N. M. Hunnewell, builder.

Shawmut Ave., Nos. 829-831, Ward 19, for Highland St. R. R. Co., storage of plows, 24' x 174'.

Swett St., rear of, near New York & New England R. R., Ward 20, for Bradley Fertilizer Co., stable and shed, 24' x 160' and 35' x 100', two-st'y; Bradley Fertilizer Co., builders.

Cambridge St., cor. Perkins St., Ward 4, for Powers, Melvin & Co., storage of grain, 25' x 30' 4" and 71' x 75'; T. C. Woodworth, builder.

NOTE.—The six last-mentioned permits are special permits granted by the City Council, December 31, 1881.

Brooklyn.

HOSPITAL.—The plans for the building of the Methodist Episcopal Hospital have been adopted. They were prepared by Mr. John Mumford. The hospital is to cost between $400,000 and $500,000. The hospital will be built on the block bounded by Seventh and Eighth Avenues, and Sixth and Seventh Sts., South Brooklyn.

BUILDING PERMITS.—*Herkimer St.*, s s, 495' e Bedford Ave., three-st'y brownstone dwell.; cost, $7,000; owner and builder, Andrew Miller, 1527 Pacific St.; architect, Amzi Hill.

Utica Ave., e s, 75' s Atlantic Ave., 7 two-st'y frame dwells.; cost, each, $2,500; owner, Peter Sullivan, Lewis Ave., cor. McDonough St.; architect, Amzi Hill; builder, W. S. Montgomery.

De Kalb Ave., s s, between Fulton St. and Hudson Ave., four-st'y brick stable and dwell.; cost, $5,000; owner, J. M. Horton Ice Cream Co.

Chauncey St., n s, about 100' w Patchen Ave., 3 one-st'y frame dwells.; cost, each, $2,000; owner, estate A. July, J. G. Ward, agent; architect, A. Hill; builder, J. G. Ward.

William St., s s, 175' w Van Brunt St., two-st'y brick office-building; cost, $4,000; owner, Pioneer Iron Works, William St.; architect, W. B. Frank; builders, P. Carlin & Son and George Damen.

Flushing Ave., s s, 75' w Bremen St., three-st'y frame store and tenement; cost, $2,800; owner, Henry Stebing, 30 Montieth St.; builder, Henry Kempf.

ALTERATIONS.—*Atlantic Ave., Nos.* 1050 *and* 1052, between Clason and Grand Aves., one-st'y frame stable and shed; cost, $3,000; owner, Estate of A. Chichester; architect and builder, James McKee.

Cincinnati.

THE YEAR.—During the year this makes, according to the records of the Board of Public Works, a total of 572 permits, at a total cost of $1,851,550. This however by no means exhibits the true amount of work done in this city during the past year. As we have before stated, there is in this city no officer charged with the surveillance of the erection of new buildings. To be sure, the police are supposed to see when a building is being erected, that the contractor has a permit to occupy the street, but in the outskirts, where there is little travel, the police seldom trouble themselves about this matter, and so it happens that in order to save a dollar (the amount charged for each permit) that no permit is taken out where it can possibly be avoided, and even when the permit *is* taken out, it is seldom indeed that the correct amount of the cost of the building is given. In view therefore of the above facts, it would be on the side of safety to put the permits at 1, 00, and the cost thereof at say $4,500,000.

LABOR AND MATERIALS.—The cost of both labor and materials are considerably higher than last year, and the "oldest inhabitant" says, higher than any time since the war. Be this as it may, bricklayers are getting $4 per day; common brick are $10.50 per thousand; Zanesville pressed brick are $26 per thousand, and it costs about as much more to lay them: carpenters get $2.50 per day. Rough lumber, yard-sizes, is $21 per thousand, and threatens to go higher. Limestone for rough work is $4 per perch, and for fine face work is $7 to $8. The mason getting $3 per day. Lath are $3.50 per thousand and scarce. Plastering for lathed work is 25 cents per square yard. Plumbers get $3.50 per day, or should do so, for good ones. Painting and glazing have not advanced much.

Take it altogether, building is fully 33 per cent higher than it was two years ago, and there is some talk of still greater advances.

BUILDING PERMITS.—During the week one permit was issued to J. W. Ashar to build 5 three-st'y stone-front dwelling-houses on Longworth St., costing $18,000.

Chicago.

BUILDING PERMITS.—Albert Crane, 6 one-st'y brick cottages, 20' x 26' each, Emerald Ave., near Twenty-ninth St.; cost, $5,000 each.

C. R. Hickock, 2 two-st'y and basement brick dwells., 33' x 48', 3530 and 3532 Forest Ave.; cost, $5,000.

(Continued on next page.)

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BUILDING PATENTS.

[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

251,686. BORING-MACHINE.—Benjamin F. Allen, Boston, Mass.

251,688. WINDMILL.—William S. Baugh, Farmers' Institute, Ind.

251,692. ORNAMENTAL GLASS TO IMITATE WOOD.—James Budd, Boston, Mass.

251,698. JACK-SCREW.—William R. Coats and William H. Vibbard, Kalamazoo, Mich.

251,713. STEP OR STAIR.—Charles H. Gould, New York, N. Y.

251,732. DOOR-CHECK.—Francis V. Phillips, Chicago, Ill.

251,741. WATER-HEATER AND CIRCULATOR.—Peter Smith, Detroit, Mich.

251,746. PROCESS OF REPRODUCING DRAWINGS AND DESIGNS.—Maurice Tilhet, Paris, France.

251,762. CURTAIN-FIXTURE.—Thos. M. Burgess, Big Rapids, Mich.

251,767. WATER-CLOSET.—William H. Daniell, Pottsville, Pa.

251,775. FAUCET.—Josiah B. Gathright, Louisville, Ky.

251,778. WINDOW-FRAME AND SASH.—Francis W. Hettinger, Reading, Pa.

251,786. BASIN-PLUG.—John C. Ludwig, San Francisco, Cal.

251,790. DOOR-CHECK.—Lewis C. Norton, Boston, Mass.

251,813. WATER-CLOSET.—H. William Atwater, Boston, Mass.

251,854. SHUTTER-FASTENER.—Henry J. Fisher, Jr., Point Pleasant, W. Va.

251,891. ROOFING-SEAMER.—Robert Jones and Thomas C. Belding, Waynesburg, O.

251,913. SASH-FASTENER AND HOLDER.—John B. Montague, Franklin, Ky.

251,916. SASH-FASTENER AND HOLDER.—John B. Montague, James T. Booker, and Enoch C. Dinning, Franklin, Ky.

251,918. COMPOUND FOR PRESERVING WOOD AND METAL.—Lorenzo D. Mott, Marshalltown, Iowa.

251,921. MANUFACTURE OF PREPARED ROOFING.—Tobias New, New York, N. Y.

251,943. SASH-BALANCE.—John A. Quick, Palestine, Tex.

251,947. PAINT, WHITEWASH, AND OTHER BRUSHES.—James A. Read and Calvin D. Read, Ayer, Mass.

251,988. KNOB-ATTACHMENT.—John W. Young, Stamford, Conn.

251,995. WATER-CLOSET.—John C. Daggett, Neponset, Mass.

252,061. PIPE-JOINT.—Jacob K. Dimmick, Newport, Ky.

SUMMARY OF THE WEEK.

Boston.

BUILDING PERMITS.—Section 7, Chapter 280, of the Acts of 1871, provided that the Inspector of Buildings shall submit to the City Council a half-yearly statement in detail of the transactions of his department. Below are the official records of said department, from its organization, October 2, 1871, to December 31, 1881, as given in his semi-annual and annual reports.

Comparative statement of work for each six months ending June 30 and December 31 since organization of office:—

	Brick.	Wood.	Repairs, Alterations and Additions.	Special.	Boilers, Engines, etc.	Heating Apparatus.	Street permits.
1872	531	668	456	8			
"	443	393	385	13			
1873	372	456	669	10	31		
"	274	417	614	14	40		
1874	303	618	957	10	40		
"	218	660	1085	13	60		
1876	210	384	981	4	37		
"	138	325	855	7	33		
1876	126	288	958	9	35		
"	74	244	978	8	89		
1877	115	269	1146	5	74	151	
"	120	263	1207	8	107	340	207
1878	111	240	1079	8	104	121	658
"	76	233	1121	15	111	225	642
1879	80	230	1211	39	128	148	605
"	114	245	1356	5	181	222	706
1880	152	232	1124	5	157	103	710
"	197	261	1170	4	202	307	574
1881	147	337	1274	7	206	121	703
"	181	450	1211	6	199	440	702

For October, November, and December, 1871: wood, 272; brick, 245; repairs, etc., 205.

HOUSES.—A house is being built on Commonwealth Ave., for Mr. —— Thayer. It is a four-st'y stone front, 25' 8" x 62'; J. W. Tobey, contractor; O. F. Smith, of Boston, architect.

W. H. Coffin is building a four-st'y brick and stone dwell., measuring 25' x 62'; O. F. Smith, of Boston, architect.

Baltimore.

BUILDING PERMITS.—Since our last report nine permits have been granted, of which the following are the more important:—

Henry Schwarzenbach, two st'y brick front building to No. 184 Caroline St., between Bank St. and Eastern Ave.

Samuel G. Whitemitz, two-st'y brick building, s w cor. Howard and Dover Sts.

Geo. W. Hopper, 4 three-st'y brick buildings, Bloom St., beginning at the s e cor. of Etting St.

Wm. Schwartz, additional story to store and other improvements, No. 104 Broadway, between Bank and Gough Sts.

J. Woitzell, 3 two-st'y brick buildings, beginning at the s w cor. McElderry St. and Madeira Alley.

Benj. C. Payne, 2 two st'y brick buildings, Madeira Alley, north of Gough St.

E. W. Gorman, two-st'y brick building, Madeira Alley, north of Gough St.

Brooklyn.

BUILDING PERMITS.—*Atlantic Ave., Nos.* 1050 *and* 1052, between Clason Ave. and Grand Ave., one-st'y frame stable; cost, $3,000; owner, estate A. Chichester, executors, Jackson, Schultz & Co.; builder, Jas. McKee.

Greene Ave., s w cor. Vanderbilt Ave., four-st'y brick flat; cost, $36,000.

Verona Pl., w s, 80' n Fulton St.; cost, $5,000; owner and architect, D. H. Fowler, 14 Verona Pl.; builders, Thos. Baker and D. H. Fowler.

Broadway, e s, opposite Read Ave., one-st'y frame store and dwell.; cost, $5,000; owner, Joseph Ryan, 817 Broadway; builders, A. Sachs and John Rueger.

Fourth Pl., n s, 100' e Clinton St., 2 three-st'y brick flats; cost, $8,000; owner and builder, P. J. Carlin, 519 Clinton St.; architect, T. F. Houghton.

West Graham Ave., Nos. 455 *and* 457, 50' n Herbert St., 2 three-st'y frame tenements; cost, each, $4,000; owner, H. Will, Graham Ave., cor. Herbert St.; builders, W. Bayer and Jno. Rueger.

Knickerbocker Ave., w s, 25' n Palmetto St., three-st'y frame tenement; cost, $3,500; owner, M. Smith, Knickerbocker Ave., cor. Palmetto St.; builder, Joseph Hopkins.

Chicago.

BUILDING PERMITS.—J. McCarthy, three-st'y brick dwell., 22' x 33', 122 Townsend St.; cost, $2,400.

Geo. A. Seaverns, 6 one-st'y brick cottages, 32' x 120', Beers St. near Douglass Ave.; cost, $5,000.

Haskell Bros., three-st'y brick trunk factory, 40' x 100', 15 and 17 North Green St.; cost, $10,000.

John Krewer, two-st'y brick dwell., 20' x 24', 158 Clayburn Ave.; $3,500.

J. B. Patterson, two-st'y and basement brick dwell., 22' x 60', 240 W Webster Ave.; cost, $4,500.

A. S. Maltman, 3 two-st'y flats, 36' x 290', Bloomingdale and Western Aves.: cost, $20,000.

P. J. Wagner, 2 two-st'y dwells., 40' x 55', 525 and 527 Warren Ave.; cost, $8,000.

Joseph Kinney, three st'y and basement brick store and dwell., 30' x 40', Desplaines and Randolph Sts.; cost, $7,000.

John Horn, two-st'y brick dwell., 24' x 60', 586 La Salle St.; cost, $6,000.

J. D. C. Whitney, two-st'y brick dwell., 22' x 60', Belden Ave., near Hurlbut St.; cost, $2,900.

John Bence, 2 four-st'y brick flats, 45' x 100', 74 and 76 Johnson St.; cost, $8,000.

John Garvey, two-st'y brick barn, 29' x 70', Dale Place, near Twenty-second St.; cost, $2,000.

John Cunningham, two-st'y brick flats, 20' x 50', 288 Dayton St.; cost, $2,800.

F. W. Luke, three-st'y and basement brick dwell., 30' x 54', 1009 North Clark St.; cost, $6,000.

John Sutton, two-st'y dwell., 21' x 42', 3819 Dearborn St.; cost, $2,500.

James Lamb, two-st'y and cellar dwell., 23' x 57', 360 Mohawk St.; cost, $3,000.

Thos. Nicholson, 2 two-st'y and cellar dwells., 36' x 60', Vernon Ave. and Thirty-fourth St; cost, $8,000.

R. D. & W. W. Isendrath, three-st'y factory, 45' x 85', Saugamon and West River Sts.; cost, $6,500.

John F. Davis, 8 two-st'y flats, 55' x 176', Bissell, near Garfield Ave.: cost, $35,000.

C. L. Hutchinson, 3 three-st'y dwells., 48' x 70', 2608-2610 Calumet Ave.: cost, $10,000.

B. & P. Mahon, three-st'y flats, 23' x 64', Third Ave., n of Polk St.; cost, $7,000.

Webster & Comstock Manufacturing Co., factory, 50' x 100', 123-125 Ontario St.; cost, $5,000.

H. B. Rogers, four-st'y store, 52' x 80', 79 Van Buren St.; cost, $11,000.

A. Magrefen, two-st'y store and dwell., 24' x 70', Hinman and Paulina Sts.; cost, $4,500.

Twenty-two permits issued; whole cost, $107,900.

Average cost, $4,904.55.

New York.

NOTES.—There is no new work worth mentioning in the architects' offices. A cheerful feeling however pervades, as there is every indication of a better year's business even than that of 1881. It is expected that building operations will not be delayed so far into the spring as last year.

BUILDING MATERIALS show little change. Though there have been plentiful arrivals of brick, prices are firmly sustained at rates quoted in price-list.

BUILDING PERMITS.—*Eighty-seventh St.*, n s, 325' w Ninth Ave., 8 three-st'y brick and brownstone dwells., 16' 8" x 50'; cost, $8,000 each; owner, John W. Stevens, 405 West Eighty-fourth St.; architect, Wm. Howe; builder, R. F. Taggart.

Lexington Ave., s e cor. One Hundred and Fourteenth St., four-st'y brick and brownstone store and tenement; cost, $16,000; owners, Ph. and Wm. Ebling, St. Ann's Ave., One Hundred and Fifty-Sixth St.; architect, A. Pfund.

Lexington Ave., e s, 21' 5" s One Hundred and Fourteenth St., 4 four-st'y brick and brownstone tenements; cost, each, $12,000; owners, Ph. & Wm. Ebling, St. Ann's Ave., One Hundred and Fifty-Sixth St.; architect, A. Pfund.

One Hundred and Ninth St., n s, 100' e Lexington Ave., 4 four-st'y brownstone tenements; cost, $11,500 each; owner, Charles Sedgwick, 206 Bowery; architect, Chas. Baxter.

One Hundred and Nineteenth St., n s, 150' w First Ave., four st'y brick tenement; cost, $18,000; owner, S. S. Hinman, Ave. A, One Hundred and Twenty-first and One Hundred and Twenty-second Sts.; architects, Cleverdon & Putzel.

East Forty-first St., n s, 132, five-st'y brick store and tenement; cost, $11,000; owner, Christian Wenzel, 244 East Forty-ninth St.; architect, Frederick Jenth.

Fifty-sixth St., s s, 99' 9" w Ave. A, 6 five-st'y brownstone apartment-houses; cost, each, $17,000; owner, Peter Doelger, 405 East Fifty-fifth St.; architect, Wm. Jose; builder, John Goerlitz.

Fifty-first St., n s, 47' e Fourth Ave., two-st'y brick engine and boiler house; cost, $18,000; owners, The F. & M. Schaefer Brewing Co., 112 East Fifty-first St., cor. Fourth Ave.; architect, J. Kastner.

One Hundred and Thirteenth St., s s, 120' w Third Ave., four-st'y brick flat; cost, $20,000; owner and builder, Thomas Fealey, 2069 Third Ave.; architect, Bart. Schaliher.

ALTERATIONS.—*Canal St.*, s w cor. Thompson St., four-st'y brick extension, interior alterations, etc.; cost, $10,000; owner, Edward R. Satterlee, Dobbs Ferry; architect, Wm. Jose.

Old Slip, Nos. 10 *and* 12, refitted for offices; cost, $7,000; owner, Storm estate, 35 West Fifty-eighth St.; architects, McGinnis & Van Horn.

Broadway, No. 452 *and Nos.* 14, 16, *and* 18 *Crosby St.*, repair damage by fire; cost, $12,000; owner, Charter Oak Life Insurance Co., 71 Broadway; architects and builders, Molton & Chesley.

West Twenty-sixth St., No. 352, carriage elevator put in, also alter pitch of roof; cost, $3,000; owner, Stephen Merritt, 210 Eighth Ave.; builders, Jacobs Vix and J. L. Hamilton.

West Twentieth St., No. 155, one-st'y brick extension, interior alterations, etc.; cost, $4,000; owner, Ferdinand Neumer, 116 West Twentieth St.; architect, J. Kastner.

East Seventy-eighth St., No. 304, two-st'y brick extension; cost, $2,000; owner, Rev. J. J. Dougherty, 334 East Seventy-ninth St.; architects, Babcock & McAvoy; masons, Giblin & Lyons.

East Fourteenth St., No. 136, two-st'y brick extension; owner, George Theiss, 156 Canal St.; architect, Arthur Crooks; builders, J. & L. Weber and Henry Schiffer.

Eighth Ave., Nos. 287 *to* 293, centre walls, first floor removed, iron supports inserted, new plate glass fronts and doors; cost, $10,000; owners, Ehrich Bros., on premises; architect, H. J. Dudley.

Front St., Nos. 232 *and* 234, remove peak and replace by flat roof; rules one-st'y; cost, $3,500; owners, Isaac T. and John G. Frost; builder, J. J. Boesen.

East Thirteenth St., Nos. 126 *and* 128, extension to front, etc.; cost, $13,000; owner, Geo. F. Gillman; architect, John Sexton.

Philadelphia.

DEPOT.—The Pennsylvania R. R. Co. contemplate the erection of a new depot-building and train-shed at Kensington, main building to be 45' x 60', baggage building 25' x 45', train-shed 45' x 200'.

WAREHOUSE.—The Pennsylvania R. R. Co. will build on the site of the old navy-yard a brick warehouse 50' x 404'.

BUILDING PERMITS.—*Canal St.*, between Pollard St. and Germantown Ave., four-st'y stable, one-st'y spring-factory, 20' x 35' and 100' x 105'; W. Steel, contractor.

Indiana Ave., between Sixteenth and Seventeenth Sts., two-st'y stable and office, 22' x 22', and 14' x 40'; Jno. Adgins, owner.

Second and Vine Sts., four-st'y addition to building, 18' x 51'; Jas. Hood, contractor.

Ash St., s e of Girard Ave., one-st'y store-room, 11' x 188'; Liebrandt & McDowell, owners.

Martha St., n of Huntingdon St., two-st'y dwell., 14' x 28'; Barney McSloy, owner.

St. Louis.

BUILDING PERMITS.—Ten permits have been issued since our last report. But two of these are of importance, viz.:

OWNER'S NAME.	USE.	Stories	Rooms	Cost.
R. A. Cutler.....	Dwell.,	2	8	$ [illegible]
J. M. Bemis.....	Dwell.,	2	9	[illegible]

General Notes.

ASBURY PARK, N. J.—At the corner of Kingsley and First Aves., Mr. Jno. McMullen, of Philadelphia, is building a three-st'y hotel, main building 44' x 80', brick building 18' x 24'; John J. Deery, architect.

ATLANTIC CITY, N. J.—From plans of J. J. Deery, architect, Philadelphia, the Wyoming House, Atlantic Ave., is being remodelled into 4 dwellings and stores for Mr. Thos. Daly, the work being under the supervision of the architect; three-st'y, 61' x 80'.

BERNARDSVILLE, N. J.—Two houses, first-st'y brick, above wood, are to be built from designs of A. Jordan & Rich, of New York.

BRYN MAWR, PA.—The Hon. Wayne McVeagh is having extensive alterations to a large stone house near Bryn Maur, from plans by Theophilus P. Chandler, architect, Philadelphia.

Rudolph Ellis is building a large stone house and stable; Theophilus P. Chandler, architect.

CAMDEN, N. J.—A dwell. for Christian Brothers in connection with Church of Immaculate Conception, has been started, to be three-st'y, main building 36' x 38', brick building 16' x 20'; J. J. Deery, architect, Philadelphia.

DETROIT, MICH.—No permits have been issued since our last report.

Building operations in Detroit were unusually brisk during the past year.

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THE Joint Committee of Congress, to which was [illegible] a site for the new Congressional Li[illegible] cided upon the main features of its report. Instead [illegible] Judiciary Square, the Committee will recommend [illegible] of a plot immediately adjoining the Capitol [illegible] will urge the erection of a building in which noth[illegible] belonging to the repository of the great nation [illegible] shall be omitted for the sake of satisfying the dicta[illegible] of misplaced economy. The cost of the site proposed w[illegible] smaller, but there can be no question of its superio[illegible] respect to that in Judiciary Square. It is the [illegible] Washington that its fine buildings are not only [illegible] great distances from each other, but are in many [illegible] concealed by inferior structures; so that the half-[illegible] fects which it grouped together with judgment ou[illegible] Hill would have produced an impression of mag[illegible] equalled in any city in the world, are powerless in [illegible] positions to do more than mitigate slightly the ai[illegible] were comfort which Washington shares with much le[illegible] towns. The placing of the new Library in the [illegible] with the Capitol would be a decided advance in the [illegible] tion, and if the imperative condition were impos[illegible] architect of the building that it should group w[illegible] Capitol, we venture to say that its design would [illegible] worse, while the general effect of both would be i[illegible]

THE *Deutsche Bauzeitung* of December 14 co[illegible] and section of the ill-fated Ring-Theatre in Vien[illegible] with a very intelligent description of the fire whi[illegible] it. The walls of the building were unusually thick, [illegible] the one separating the stage from the auditoriu[illegible] precautions were taken in the construction to a[illegible] from fire. The roof was of iron, and an ample syst[illegible] pipes was provided, arranged especially with ref[illegible] possible conflagration on the stage, and a wire-g[illegible] hung behind the proscenium arch. The gas-light[illegible] fully arranged, and due watchfulness insisted upo[illegible] Hesperus says, the danger of fire was no great[illegible] than in hundred other theatres. The real fault of the bui[illegible] which cost nearly a thousand lives—was in the pla[illegible] staircases and entrances. Although five flights [illegible] from the upper portion of the auditorium to the g[illegible] and one more led to the royal box, and two serv[illegible] end of the theatre, every one of them had the f[illegible] being enclosed in a room by itself, opening only by [illegible] vestibules or passages. One side of the build[illegible] the neighboring houses, but the other side and th[illegible] were bordered on open streets. Unfortunately, it ha[illegible] impossible to give the portion facing the principal s[illegible] entrances, so that there was no public entrance to [illegible] except in the middle of the front. Of the two g[illegible] rooms, which were enclosed by other rooms on the [illegible] one was accessible only by a tunnel under the pa[illegible] and the other opened into a crooked passageway le[illegible] main entrance. The grand staircases themselves,

Feb. 4, 1882

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

252,597. Screw-Wrench.—John H. Coes and Fred'k L. Coes, Worcester, Mass.

252,650. Countersink Attachment for Augers.—Chas. W. Cutter, Erie, Pa., assignor of one-half to Uriah E. Lemon, same place.

252,704. Combined Drill and Countersink.—William H. Southwick, New Bedford, Mass.

252,705. Mill for Grinding and Reducing Grain, Etc.—John Stevens, Neenah, Wis.

252,707. Window-Glass Fastener.—Theophilus Tanner, Osage, Neb.

252,710. Safety Attachment for Elevators.—Frank T. Ward, New York, N. Y.

252,677. Automatic Fire-Alarm.—Isador Kitsee, Cincinnati, Ohio.

252,679. Metallic Lathing.—Abraham Knisely, Chicago, Ill.

252,662. Knob Attachment.—Byron H. Lockwood, Stamford, Conn.

252,747. Angle-Brick and Mold.—James F. Edwards, Washington, D. C.

252,749. Pipe-Cutter.—Charles Fenton, New York, N. Y.

252,725. Machinery for Dressing Stone.—John D. Brunton, and Frank H. J. Trier, Westminster, County of Middlesex, England.

252,734-735. Valve for Water-Closet Cisterns.—Clara E. Carr, and George D. Scott, New York, N. Y.

252,742. Curtain-Fixture.—Joseph Darling and Bradford H. Griswold, Fairview, Pa.

252,770. Spring-Hinge.—Henry Howson, Philadelphia, Pa.

252,784. Shutter-Worker.—Thomas H. Lupton, Winchester, Va.

252,790. Self-Closing Valves for Faucets.—Joseph E. Mooney, Baltimore, Md.

252,801. Elevator.—Henry Roberts, Hartford, Conn.

252,829. Fire-Escape.—George L. Williams and Henry Rundle, Edwardsville, Ill.

252,833. Inside Window-Blind.—Edward W. Bowslaugh, Grimbsy, Ontario, Canada.

252,839. Fire-Escape.—Geo. W. Levi, Louisville, Ky.

252,851. Curtain-Fixture.—Henry S. Wing Ashtabula, Ohio.

SUMMARY OF THE WEEK.

Baltimore.

The Pratt Free Library.—Excavations are being made for the foundation of a library capable of holding 200,000 volumes. The cost of the building will be about $225,000, and it is to be completed in the summer of 1883. It will have a frontage of 81' 10" with a depth of 140', and thoroughly fire-proof. Mr. Chas. L. Carson, architect; Messrs. S. H. & T. F. Adams, builders.

Building Permits.—Since our last report eight permits have been granted, of which the more important are as follows:—

Joseph Turner, 10 three-st'y brick buildings, Oliver St., bet. Lanvale and Dolphin Sts.

J. L. Crise, two-st'y brick stable, in rear of 228 Madison Ave., bet. Biddle and Rose Sts.

Conrad Ripple, two-st'y brick shop, in rear of s e cor. Columbia and Cr ss Sts.

Chas. Warrick, three-st'y brick building, 17' x 68' Broadway, bet. Chew and Madison Sts.

Mr. Wm. Ferguson, builder, is about to erect a four-st'y warehouse, 27' x 148', on the cor. of Clay and Howard Sts., for Mr. Jos. H. Rieman; the building is to be constructed of brick, with stone trimmings, and will cost $18,000.

Chas G. Summers and Co., factory and warehouse, four stories and basement, to be built of brick; cost $5,000; Little Paca St. and West Alley; Mr. Benj. B. Owens, architect.

Cambridge, Md., music hall, 43' x 60', brick and stone trimmings; cost, $10,000; Mr. Chas. L. Carson, Baltimore, architect.

Boston.

Building Permits.—*Brick.—Neponset St.*, r of, n South St., Ward 24, for Boston Gas Light Co., two Gasometers, 171 ft. diameter. Wm. C. Whyte, builder.

Hersey Place, n Essex St., Ward 10, for Joy, Langdon & Co., one storage building, 104' 9½" and 128' 6" x 61', 4 stories; M. C. Grant, builder.

Wood.—Old Harbor Point Wharf, Ward 24, for Richard A. Mallon, one blacksmith shop and storage, 16' 6" x 16' and 24' 6"; Robt. Montgomery, builder.

Old Harbor Point Wharf, for City of Boston, one storage of Bricks, 24' 6" and 22' x 84'; Chas. H. Palmer, builder.

One ditto, 24' x 50'.

Old Harbor Point, for Richard A. Mallon, one dwelling, 16" x 32' 6"; Robt. Montgomery builder.

One ditto, 32' 6" x 32' 6". Ell, 17' x 40'.

Longwood Ave., 15 to 17 Ward 22, for Joseph Moser, one coal shed 15' x 70' x 30'; Alex. Forbes, builder.

Clarendon St., cor. Augustus Ave., Ward 23, for Benj. T. Koran, one dwelling, 24' x 21', 2 stories; E. H. Farnum, builder.

Lamartine St., n Wyman St., Ward 23, for Martin Early, one dwelling, 22' x 35', 2 stories; C. W. Ward, builder.

West First St., r of 380, Ward 11, for J. C. Kittredge, one storage, 27' x 35', Woodberry L. Lewis, builder.

Rodin Ave., cor. Washington St., Ward 23, for E. Weiss, one dwelling, 21' x 26'; ell, 14' x 14', 2 stories; John Strang, builder.

Howland St., Ward 21, for David H. McKay, one dwelling, 22' x 32'; ell, 14' x 18', 2 stories hip; David H. McKay, builder.

1	ditto,	22' x 32',	ell,	14' x 18',	2 stories hip.
1	"	22' x 30',	"	14' x 14',	" "
1	"	26' x 38',			" "
1	"	22' x 3-',	"	14' x 14',	" "
1	"	22' x 30',	"	14' x 14',	" "
1	"	26' x 38',			" "
1	"	26' x 38',			" "
1	"	26' x 38',			" "
1	"	22' x 30',	"	14' x 14',	" "
1	"	26' x 38',			" "
1	"	22' x 32',	"	14' x 18',	" "
1	"	22' x 22',	"	14' x 18',	" "

Prospect St., r n Baker St., Ward 23, one stable, 24' x 34'; J. W. Wason, owner and builder.

Fox St., n cor. Dorchester Ave., Ward 24, for R. Gardner Chase, one stable 13' 6" x 15'; J. G. Allbright, builder.

Swett St., n Marginal St., Ward 26, for Bradley Fertilizer Co., one office, 20' x 22', 2 stories; R. E. Sawtell, builder.

Carruth St., r cor. Van Winkle St., Ward 24, for Mrs. Elizabeth A. Beal, one stable, 21' 4" x 27' 4"; Beal & Spear, builders.

Vaughan Ave., n Geneva Ave., Ward 24, for Michael McAndrews, one dwelling, 22' x 28', 2 stories; Geo. P. Beal, builder.

51 Telegraph St., Ward 15, for John A. Allen, one dwelling, 22' x 38', 2 stories mansard; John A. Allen, builder.

Wyman St., n Curtis St., Ward 23, for Annie English, one dwell., 22' x 30'; ell, 14' x 18', 2 stories; Wm. Frazer, builder.

Bearse Ave., n Butler St., Ward 24, for Dorson Parker, one dwelling, 22' x 30', 2 stories; Jas. Pope, builder.

Island St., r of, n Magazine St., Ward 20, for Master & Wells, one charging house, 24' 6" x 136'; Wm. Morse, builder.

Ditto, storage for fireworks, 9' x 15'.

Howard Ave., n Sargent St., Ward 20, for A. P. Clifford, one dwelling, 22' and 40' x 31', 2 stories; A. P. Clifford, builder.

Ditto, dwelling, 22' x 30' x 32', 2 stories.

Milton Ave., n Rockwell St., Ward 24, for Hammond H. Haskell, one dwelling, 40' x 90'; Cleveland & Young, builders.

Brooklyn.

Building Permits.—*Warren St., No.* 1720, being 100 w Schenectady Ave., one 2-st'y frame dwell., 16' x 36', tin roof; cost, $4,000; owner, Michael Dorsey, on premises; builder, Pat. Knowles.

Floyd St., n s, 325 e Yates Av., one 3-st'y frame tenement, 25' x 55', tin roof; cost, $4,500; owner, Julius Meisner, 63 Montrose Av.; architect, J. Platte; builder, J. Wehlig.

Lawton St., n s, 150 e Broadway, one 2-st'y frame shop, 15' x 50', gravel roof; cost, $800; owner, Geo. C. Cardwell, 250 South 1st St.; builders, Jas. Doremus and Cardwell & Hawkins.

Bushwick Ave., e s, 82 n Jefferson St., one 3-st'y frame tenement; 27' 6" and 25' x 29' 1" and 40' 3", tin roof; cost, $3,000; owner, A. Kiesel, 7 Bremen St.; architect, Th. Englehardt.

Jefferson St., n s, 150 e Evergreen Ave., one 2-st'y frame dwell., 25' x 30', gravel roof; cost, $2,750; owner, M. Gerard, Jefferson St., near Evergreen Ave.; architects, P. Johnson and Geo. Cuttler.

Kent Ave. No. 360, bet Park and Myrtle Ave., one 1-st'y frame shop, 12' x 20', tin or gravel roof; cost, $500; owner, Joseph Farrell, 40 Skillman St.; builder, John Connell.

Himrod St., n s, 100 e Evergreen Ave., four 2-st'y frame dwells., 18' 9" x 30', tin roof; cost, $6,400; owner, architect and builder, H. C. Bauer, 28 Stanhope St.

Chicago.

Building Permits.—E. W. Blatchford, six-st'y and basement brick store, 63' x 80', 46 to 50 Jackson St., $35,000.

R. Arersberger, brick basement, 20' x 42', 585 Larrabee St.; cost, $1,200.

C. B. Eggleston, three-st'y and basement brick dwell., 25' x 72', Indiana Ave., n 33; $10,000.

E. A. Hartwell, one-st'y brick cotta e, 20' x 32', Peterson n Hogue Ave.; cost, $2,000.

E. A. Hartwell, one-st'y brick cottage, 20' x 46', Walnut St. n Hogue Ave.; cost, $1,200.

Mrs. S. Gould, 3 three-st'y and basement brick dwells. 38' x 82', 48 to 52 Peck Court; cost, $29,000.

S. Curtiss, two-st'y brick dwell., 22' x 54', 761 Van Buren St.; cost, $4,000.

Eugene S. Pike, 7 one-st'y brick stores, 33' x 60', Dearborn and Jackson Sts; cost, $14,000.

Dearborn Manufacturing Co., two-st'y and basement brick candle factory, 50' x 100', cor. Logan St. C. & A. R. R. track; cost, $9,000.

Aug. Nick, one-st'y basement brick cottage, 20' x 30', 26 Julien St.; cost, $1,400.

C. & N. W. Ry. Co., one-st'y brick depot, 20' x 56', Fullerton Ave., w of Clybourn Ave.; cost, $2,000.

M. Michalsky, one-st'y brick cottage, 21' x 50', 18th St. n Paulina; cost, $1,000.

Nelson & Jungren, three-st'y brick factory, 23' x 55', 118 Wisson St.; cost, $4,000.

C. F. Buckley, one-st'y brick kitchen, 16' x 22', 414 Park Ave.; cost, $1,000.

John Blecko, two-st'y brick store and dwell., 22' x 70', 709 Alport St.; cost, $4,500.

Mrs. N. Gallatin, three-st'y brick flats, 40' x 45', s w cor. Ewing and Clinton Sts.; cost, $7,000.

John Fesler, one-st'y brick cottage, 25' x 32', Emerald Ave. n Kossuth St.; cost, $1,000.

Dr. Mercke, 5 three-st'y and basement brick dwells., 20' x 42' each, Groveland Park Ave. n 36th St.; cost, $25,000.

Frank Lenscy, one st'y brick cottage, 20' x 40', 458 Nineteenth St.; cost, $1,000.

Cincinnati.

Wages.—The "jour" carpenters have notified the bosses that from and after March 1st they will demand fifty cents advance on their wages.

Building Permits.—During the past two weeks the following building permits have been issued:

Wm. Beck, repair three-st'y brick, n w corner of Seventh and Vine Sts.; cost, $1,200.

Shaller's Sons, two-st'y brick brewery, No. 658 Main St; cost, $10,000.

T. Horsman, three-st'y brick, No. 692 Main St.; cost, $1,100.

Dr. P. M. Bigney, four-st'y brick, Davidson St. near Bank St.; cost, $10,000.

M. Braam, three-st'y brick, Betts St., bet. John St. and Central Ave.; cost, $4,500.

C. Lingo, repair two-st'y frame; cost, $1,000.

F. J. Jones, four-st'y brick, Fifth St., bet. Plum St. and Central Ave.; cost, $17,000.

Thomas Emery's Sons, block of two-st'y brick dwells., n e cor. of Fourth and Culvert Sts.; S. Hannaford, architect; cost, $10,000.

F. Franzmeyer, one-st'y brick, Liberty St., near Western Ave.; cost, $1,700.

Three permits for repairs; cost, $1,400.

Total permits to date, 24.

Total cost to date, $92,000.

Cleveland.

Machine Shop, on Madison Avenue, for Lake Erie Iron Co., brick, slate roof, 50' x 110'; cost, $4,000; John F. Watterson, builder.

Forge.—Forge on Case Ave., for the Lake Erie Iron Co., frame covered with slate 80' x 710'; cost $32,000; John F. Watterson, builder.

Rolling Mill, on Madison Ave., for the Lake Erie Iron Co., frame covered with slate, 100' x 186'; cost, $7,500; John F. Watterson, builder.

Factory, on Scranton Ave., for Lamson & Sessons, frame, 50' x 520'; cost, $28,000; John F. Watterson, builder.

Factory, on Case Ave., for the Cleveland City Forge, frame covered with slate, 60' x 200'; cost, $6,000. Frame office for the same; cost, $2,500; John F. Watterson, builder.

New York.

Hotel.—For Messrs. Robert & Ogden Goelet. Mr. Hugo Kafka has designed an 11-st'y hotel to cover lots Nos. 1250 to 1258 Broadway and Nos. 48 to 52 West 32d St. It is to be built of Philadelphia face brick with terra-cotta and Belleville stone trimmings.

Apartment-House.—An apartment-house to occupy a lot about 100' x 150', cor. 59th St. and Madison Ave., is contemplated to be built on the Hubert Home Association Plan, from designs of Messrs. Hubert, Pirsson & Co.

Factory.—For the estate of Wm. F. Beekman, a 5-st'y factory, 50' x 105', the first floor to be used as stores, is to be erected of brick with Wyoming Valley Blue stone and terra-cotta trimmings on 3d Ave. bet. 62d and 63d Sts., at a cost of about $30,000; Messrs. D. & J. Jardine, architects.

Flats.—Nos. 3 and 5 Baxter St., 36' x 90', are to be built on, and a building of brick and stone, the first floor to be used for stores, above flats, is to be erected, 5 stories high, for Mr. Thomas Foulke, at a cost of about $22,000, from designs of Messrs. D. & J. Jardine. For Mr. Geo. Shephard, a flat No. 25 West 44th St., 25' x 75', 5 stories, of Philadelphia brick with Ohio stone trimmings, is to be erected at a cost of $15,000; and for the same owner, six 2-st'y buildings, first floor to be used as store, and tenements above, are to be built on the corner of 165th St. and Third Ave., to cost $25,000. The building will be built of Brick with Ohio stone trimmings; Mr. Jos. M. Dunn, architect. At Nos. 34 and 36 Greenwich St., two buildings, 25' x 65' each, 5 stories, brick with brown stone trimmings, are to be erected for Mr. M. Halpin, at a cost of $30,000; Mr. Jos. M. Dunn, architect. Mr. W. J. Fitzpatrick will have built at No. 264 Broome St., a building 25' x 50', first story to be used for stores, above tenements. The front will be brick with brownstone trimmings; cost, $13,000; Mr. Jos. M. Dunn, architect. On the corner of One Hundred and Fourth St. and Madison Ave., a first-class apartment-house, 25' x 60', 4 stories, brown stone front, to cost $25,000, is to be built for Mr. Dennis McGrath; Mr. Jos. M. Dunn, architect.

Residences.—On 54th St., bet. 5th and 6th Aves., for Mr. James W. Alexander, a residence 36' 6" x 55' is to be erected. Up to the second-story beams the front will be Carlisle stone; above that a small red brick with trimmings of the same stone will be used. On the corner of Sixty-seventh St. and Madison Ave., two houses are being designed, one 30 feet frontage on the Ave., the other with 20 feet frontage on Sixty-seventh St. They are for Mr. W. L. Skidmore, and will cost $90,000. The first stories will be Belleville stone and terra cotta brick, with stone dressing. The contract is not yet awarded. Mr. R. H. Robertson is the architect for the three houses.

Mr. George Chase has requested Mr. Dunn to prepare plans for a brown-stone residence, three stories and basement, 20' x 50', which he proposes to erect on One Hundred and Seventh St., bet. First and Second Aves., at a cost of $15,000.

Church.—Mr. R. H. Robertson has designed the church and Sunday-school for The Central Methodist Church, which will cover a lot 90' x 100', on the corner of Sixtieth St., and Madison Ave. The church will be built of Long Meadow stone; the tower, which will be 150 feet high, is quite unique in design.

Club House.—For the Knickerbocker Club, Mr. Robertson has been requested to prepare designs for remodeling the building on the northeast corner of Thirty-second St. and Fifth Ave., at present occupied by Mr. Cornelius Vanderbilt. The stables to

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Circular of the New York Stone-Cutters' As lay Encaustic Tiles.—Elizabethan Archi fect of Freezing Plaster.
NOTES AND CLIPPINGS.

In another column will be found a copy by the Journeymen Stone-Cutters' Associa with some comments of a number of archite it. The language of the circular is not ver we can infer from the first part that no me tion is to be allowed henceforth to make s own account; and that no member is to b on any job upon which other men who viol Association, or who are "not in communi ployed. The last clause, which reads, "N Association) "allow the separation of carv ting." presents more difficulty to our min reads like an abstract proposition in art, ref able discord which is too often observed between the characteristic quality and texte and the forms which they are compelled New York architects appear to interpret and to regard it as a declaration, not of l the part of the members of the Association tion to force themselves into a business for growing less fit, and not only to prevent choice by architects or others in favor of pa ers, but so far as appears, in favor of ston for decorating the buildings which they pay from those worthy individuals whom th designate for that office.

If it were not for some previous knowle the New York Stone-Cutters' Association, s as this of the meaning of its circular would ible. The first part, it is true, is a simple fixed principle of the Union, to destroy all a of its members, and to drive out of the trad ligent to be the dupes, or too independent the organized folly of their meaner comrade ment such as is thought to be made in the l document, on the part of a body which con dustry, application, prudence and skill onl promptly and ruthlessly stamped out of ex forth the rest of mankind shall have no opt whether its buildings shall be beautified b artists, or disfigured by the botching of an ab too preposterous to have been made in can ever be carried into effect is impossi harsh discipline by which the members of kept in subjection, and the delays and an malice can inflict upon those who presume to but if the circumstances are once understo between the will of the building public and openly entered upon, the result cannot be contest the architects must of necessity ta heads of the building world, they are comp circumstances affecting the operations under

Feb 11, 1882

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents herementioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

252,869. Sewer-Trap. — Arthur J. Erwin, Cleveland, O.

252,870. Latch and Lock. — Orlando Ewers, De Soto, Wis.

252,873. Window-Blind. — John D. Freese, Chicago, Ill.

252,903. Reamer. — Andrew Saunders, Yonkers, N. Y.

252,906. Tracing-Table. — Nathan Solt, Weissport, Pa.

252,929. Beam-Truss. — Thos. W. Carter, New Orleans, La.

252,938. Fire-Escape. — Hiram F. Gaines, Rouse's Point, N. Y.

252,966. Hydraulic Elevator.—George L. Pierce, Oakland, Cal.

252,987. Miter-Box. — James W. Angus, Macon City, Mo.

252,993. Door-Check.—Friedrich W. Boldt and Peter C. A. Vogel, Hamburg, Germany.

253,005. Sash-Cord Pulley.—Jno. K. Clark, Buffalo, N. Y.

253,008. Door-Knob Alarm.—William F. Cook, Ivy Mills, Pa.

253,040. Hydraulic Elevator. — William E. Hale, Chicago, Ill.

253,047. Window-Screen.—David W. Hersey, Pembroke, Me.

253,089. Wrench.—Wm. O'Connell, Jr., Pittsfield, Mass.

253,093. Drain and Irrigating Tile. — Morgan Payne, William P. Foust and Robert M. Thomas, Cardington, O.

253,106. Water-Closet.—William M. Sack, Oakland, Cal.

253,107. Filtering Faucet. — William M. Sack, Oakland, Cal.

253,127. Combined Fire-Screen and Fender. — Thomas J. Suggs, Fort Gaines, Ga.

253,132. Knob Attachment.—Henry R. Towne, Stamford, Conn.

253,133. Automatic Fire-Alarm.—Peter H. Vander Weyde, Brooklyn, N. Y.

253,136. Faucet.—Jas. O. Waddell, Elizabeth, N. J.

253,137. Window-Screen.—Ernest B. Walter and John P. Voelkler, New York, N. Y.

253,151-52. Water-Closet. — Daniel T. Bostel, Brighton, County of Sussex, England.

SUMMARY OF THE WEEK.

Baltimore.

Building Permits. — Since our last report nine permits have been granted, of which the following deserve mention: —

W. E. Wood & Co., four-st'y brick warehouse, Cowpen Alley, w of Liberty St.

Job Walter, two-st'y brick stable, Frederick Ave., w of Goldsmith Alley.

W. L. Stork, 5 three-st'y brick buildings, three of which are 18′ x 42′ each, and the two others 20′ x 46′, and 25′ x 48′, respectively, Madison Ave., beginning at the s e cor. of Roberts St.

Nathan Gutman, two-st'y brick building, 44′ x 44′, New Church St., in rear of Nos. 62 and 64 Lexington St.

Mary Tully, three-st'y brick building, Edmondson Ave., bet. Oregon and Schroeder Sts.

Mary E. Edmonston, three-st'y brick building, Edmondson Ave., bet. Oregon and Schroeder Sts.

E. J. McMullen, 9 three-st'y brick buildings, Dolphin St., commencing at the n e cor. Rutter Alley.

Chas. H. Lake, one-st'y brick building, in rear of No. 259 Greenmount Ave., between Biddle and John Sts.

Boston.

Building Permits. — *Brick.—North Beacon St.*, near Lyman St., Ward 25, for Goodnough & Co., dry-house for drying wool, 30′ x 40′, two-st'y; Geo. Wentworth, builder.

Dudley St., No. 580, Ward 20, for Albert Fellner, tenement house, 26′ 4½″ x 40′ 6,″ four-st'y; Ripley & Stearns, Builders.

Dudley St., Nos. 501, 503 *and* 505, for Albert Fellner, 3 tenement houses, 25′ 10½″ x 40′ 6″, four-st'y; Ripley & Stearns, builders.

Wood.—Hemlock St., near Bollevue Ave., Ward 23, for Wm. Patterson, dwell., 15′ x 24′; Wm. Patterson, builder.

Garden St., near Linden St., Ward 25, for Wm. H. Brown, dwell., 22′ and 26′ x 33′, two-st'y; W. B. Cameron, builder.

B St., cor. Bolton St., Ward 13, for John Kling, store, 30′ x 40′; John H. Taylor, builder.

Old Harbor Point Wharf, Ward 24, for City of Boston, storage of brick and cement, 60′ 7″ x 84′ and 90′; Chas. R. Palmer, builder.

Taylor St., rear near Water St., Ward 24, for Albert T. Stearns, storage, 35′ x 100′; Albert T. Stearns, builder.

Commonwealth Flats, near Northern Ave., for New York & New England R. R. Co., grain elevator conveyor, 18′ x 1800′, with ells 9′ 10″ x 170′ and 9′ 10″ x 133′; L. B. Bidwell, builder.

Rutherford Ave., opp. Winchester St., Ward 5, for J. H. Pote & Co., 2 stables, 30′ x 100′ and 34′ x 90′, two-st'y; C. B. Erskine, builder.

Lamartine St., rear of, near Wyman St., Ward 23, for Joseph Griffin, dwell., 22′ x 32′, two-st'y; Joseph Griffin, builder.

River View St., near Huntoon St., Ward 24, for Abner Chute, dwell., 21′ x 28′ 6″; ell, 14′ x 15′, two-st'y; F. M. Severance, builder.

Huntoon St., near River View St., Ward 24, for Millward Voye, dwell., 21′ x 28′ 6″; ell, 13′ x 15′, two-st'y; F. M. Severance, builder.

Adams St., near Butler St., Ward 24, for John Carroll, 2 dwells., 14′ x 38′, two-st'y; F. M. Severance, builder.

Winslow St., near Dudley St., Ward 20, for Leverett M. Chase, dwell., 28′ 1″ x 49′, three-st'y; Henry J. Bartlett, builder.

Brooklyn.

Wages. — The Operative Stone-masons have resolved to demand an increase in the present rate of wages on and after March 17. A secret meeting of their protective society was held lately at No. 123 Smith St., and it was determined to give the employers two weeks' notice.

Church. — For Grace Methodist Episcopal Church, a church and Sunday-school, covering a lot 97′ x 100′, are to be erected, at a cost of about $45,000, on the corner of St. John's Pl. and Seventh Ave. The seating capacity will be 600; Messrs. Parfitt Bros., architects.

Building Permits. — *Norman Ave., No.* 141, n s, 251′ e Oakland St., three-st'y frame tenement; cost, $3,800; owner, Chas. P. Germann, 139 Norman Ave.; architect, F. Weber; builder, John Fallon.

Second St., No. 429, w s, 25′ n North Eighth St., four-st'y brick tenement; cost, $8,000; owner, John Wiegand, 421 Second St.; architect, A. Herbert; builders, V. Bruchhauser and J. Fallon.

Fifteenth St., s s, 97′ 10″ e Sixth Ave., 2 three-st'y frame tenements; cost, each, $3,000, owner, Mary E. Wood, 98 Fifteenth St.; architect, Thos. McCormick; builder, W. Wood.

Oakland St., e s, 150′ n Calyer St., two-st'y frame mill; cost, $3,000; owner, Mr. Smith.

Lee Ave., w s, 25′ s Rodney St., 4 three-st'y brownstone dwells.; cost, total, $38,000; owner, Mary C. Ferguson, 350 South Fifth St.; architect, A. Herbert; builder, R. Ferguson.

Verona Pl., 100′ s e Marcy Ave., two-st'y brick coach-house and stable; owner, Henry Pierce, 39 Stockton St.; builders, J. W. Campbell and Mill & Bush.

Monroe St., n s, 425′ w Bedford Ave., 5 three-st'y brownstone flats; cost, each, $7,000; owner and builder, J. M. Brown, 528 Quincy St.

Woodbine St., No. 65, between Bushwick and Evergreen Aves., two-st'y frame dwell.; cost, $3,300; owner, Stephen Kelsey, 59 Woodbine St.; carpenter, F. Marryatt; mason, J. Lambert.

Macon St., s s, 130′ w Vernon Pl., 2 two-st'y brick dwells; cost, each, $3,000; owner and builder, D. H. Fowler, 14 Verona Pl.; architect, A. Hill.

Chicago.

Building Permits. — Mrs. A. Augusta Cooke, two-st'y and basement brick addition, 27′ x 27′, 3050 Lake Ave.; cost, $3,000.

H. Fowler, two-st'y brick flats, 29′ x 66′, Monroe St., near Western Ave.; cost, $8,000.

John Meyer, two-st'y and basement brick store and dwell., 22′ x 50′, 204 Fourteenth St.; cost, $4,000.

Henry Rieper, two-st'y and basement brick dwell., 24′ x 51′, Evergreen Ave., near Milwaukee Ave.; cost, $2,800.

John J. Murphy, one-st'y brick shop, 50′ x 180′, Ohio St. and California Ave.; cost, $10,000.

J. W. Souberg, two-st'y and basement brick store and dwell., 25′ x 30′, 139 Eighteenth St.; cost, $2,500.

Chicago, Rock Island & Pacific Railroad Co., five-st'y elevator, Twelfth St., near the river; cost, $100,000.

S. Welterdorf, three-st'y and basement brick dwell., 27′ x 50′, at No. 365 Taylor St.; cost, $6,000.

S. B. Williams, three-st'y and basement brick flats, 27′ x 63′, 115 Locust St.; cost, $6,000.

T. Dannaman, three-st'y brick dwell., 24′ x 62′, 359 Erie St.; cost, $5,300.

John Broekman, two-st'y brick dwell., 23′ x 54′, Eighteenth Pl. and Morgan St.; cost, $4,000.

N. K. Fairbank & Co., three-st'y and basement brick factory, 52′ x 64′, 1820 to 1824 Wentworth Ave.; cost, $4,200.

Albert Dougal, one-st'y brick cottage, 21′ x 36′, Van Horn St., near Locust St.; cost, $1,200.

P. McNally, one-st'y brick cottage, 20′ x 32′, Cobleigh, near Western Ave.; cost, $800.

Oliver & Hill, one-st'y brick addition, 21′ x 46′, at No. 577 Eighteenth St.; cost, $1,000.

Mrs. R. Floyd, three-st'y and basement brick flats, 23′ x 58′; Roby, near Adams St.; cost, $6,000.

Cincinnati.

Plumbers' Wages. — The journeymen plumbers have notified the bosses that from and after first of next May they will demand an advance of 50 cents per day, making the wages $3.50 and $4.00.

Building Permits. — Since our last report the following building permits have been issued: —

Knect & Brown, two-st'y brick dwell., on Barton St., near Wade; cost, $3,500.

F. Schwartz, two-st'y brick dwell.; cost, $1,200.

A. McCall, two-st'y frame dwell., 491 Eastern Ave.; cost, $5,000.

Chas. Wetterer, three-st'y brick dwell., Vesta St.; cost, $5,000.

Edwin Alden, two-st'y brick dwell., cor. of Beech St. and Gilbert Ave.; cost, $3,000.

Fred Wagner, two-st'y brick dwell., Race St., between Henry and Findlay Sts.; cost, $4,000.

Five permits for repairs; cost, $950.

Total permits to date, 30.

Total cost to date, $114,650.

Denver, Col.

Permits issued During the Month of January. —Superstructure of Republican Publishing Co.'s building, 25′ frontage, three-st'y; cost, $12,000; R. S. Roeschlaub, architect.

George Fritch, two-st'y brick warehouse, 50′ x 100′, Wazee St.; cost, $5,500; L. Cutshaw, architect.

F. A. Keener, four-st'y brick business house, 50′ x 120′, Arapahoe St.; cost, $38,000; L. Cutshaw, architect.

L. H. Cole, 8 brick cottages, Arapahoe and Curtis Sts.; cost, $11,000.

A. L. Fisher, two-st'y brick business house, 22′ x 60′, Fifteenth St.; cost, $4,000.

Jane Collins, 3 brick cottages, each 21′ x 30′, California St.; cost, $5,100; E. P. Brink, architect.

W. H. Craig, brick cottage, 20′ x 50′, Arapahoe St., cost, $4,000.

Mrs. E. H. Collier, two-st'y brick dwell., 40′ x 60′, Jay St.; cost, $10,000; Nichols & Cammann, architects.

C. B. Kountz, reissue, two-st'y stone dwell., boiler-house and servant's quarters, Grant and Sherman Aves.; cost, $45,000.

The Work during 1881. — Building Inspector, L. A. Heard, reports as follows upon the year 1881: —

Number of buildings erected in Denver, 1253.

Permits issued, 810.

Total cost of buildings, $473,133.

Detroit.

Building Permits. — Forty-one permits have been granted since our last report, they are all for small, unimportant buildings, costing from $200 to $3,500. Those costing $2,000 or more, are as follows: —

Joseph Derocher, No. 715 Larned St., east, three frame dwells.; cost, $3,000.

Frank Wittman, No. 279 St. Aubirn Ave., frame dwell.; cost, $2,000.

John Gibson, No. 39 Pine St., three frame dwells.; cost, $3,000.

Petrequin Bros., No. 407 Fourth St., frame dwell.; cost, $2,000.

A. C. Wood, Lafayette, St., frame dwell.; cost, $2,000.

Cander Bros., No. 433 Fourth St., frame dwell.; cost, $2,000.

Peninsular Car Works, Walker St., brick store house; cost, $3,500.

Aaron Keen, Third St., frame dwell.; cost, $2,100.

John Bloynk, Lafeyette Ave., two frame dwells.; cost, $3,000.

Louisville, Ky.

Building Permits. — The following building permits have been issued since last report: —

A. Schweiters, brick store and dwell.; cost, $4,000; W. H. Redin, architect.

J. T. Burghard, brick store; cost, $3,000.

Kentucky Woollen Mill Co., brick woollen mill; cost, $33,500; C. J. Clark, architect.

New York.

Horticultural Building. — The New York Horticultural Society have selected a piece of ground on Fourth Ave., on which to erect a building to be called the New York Institute of Horticulture. They think the building will be ready in the fall for the next exhibition.

The Building Department's Annual Report. — The Building Department has made the following annual report to the Board of Fire Commissioners:

On January 1 there were 398 cases pending of buildings which had no fire-escapes upon them, and 544 have been reported since, making a total of 942, and 845 buildings have thus been supplied. There were 263 frame buildings constructed without authority of law, and were removed. On January 1, there were pending 111 cases of unsafe buildings and 920 have been reported since; 566 have been removed or made safe.

During the year 1881 there were 3,502 buildings reported as having no fire-escapes upon them, and 1,496 unsafe buildings; 610 were rem died. There were 1,497 alterations to buildings, the costs of which were $4,142,470; 2,602 plans for new buildings were filed, the cost of the same being $43,391,300.

During the year 1880 there were 2,257 plans filed for the erection of new buildings, to cost $29,115,335; and for alterations to buildings there were filed 1,352 plans, and the amount involved was $3,862,11. For the six years and seven months prior to the establishment of the present bureau there were 3,546 complaints received for all violations of the law, and during the last eighteen months there have been 6,344 complaints received. There have been 723 cases forwarded for prosecution by the Attorney of the Board.

Hotel. — It has been decided to increase the size of the hotel which it is proposed to build on Park Ave., and the new plans prepared by Mr. S. D. Hatch show frontages of 200′ on Park Ave., 239′ on Fortieth St., and 130′ on Forty-first St.

Apartment-Houses. — An apartment-house, to cover a lot 135′ x 250′, is to be built this spring, from the designs of Mr. S. D. Hatch.

On the east side, an apartment-house, 50′ x 81′, seven-and-a-half-st'y, is to be built; the front to be brick, with Wyoming Valley stone and terra-cotta finish. The cost will be about $75,000. Mr. Jas. Stroud is the architect.

Store. — A store, 5′′ x 200′ is to be built on the north side of Twenty-third St., between Sixth and Seventh Aves. The building will extend from Twenty-third to Twenty-fourth St., having a front on each street, of brick, with stone and terra-cotta finish; cost, about $90,00; Mr. S. D. Hatch is the architect.

Extension. — An extension is to be made to the residence of Mr. C. L. Perkins, on West Sixteenth St., at a cost of $5,000, from designs of Messrs. J. C. Cady & Co.

Building Permits. — *Fourth Ave.*, s e cor. Eighty-third St., one-st'y store and dwell.; cost, $2,000; owner, Alfred A. Frazer, Sayville, L. I.; architect, A. B. Ogden.

Ninety-first St., s s, 96′ e Fourth Ave., 2 five-st'y brick tenements; cost, each, $15,000; owner, Mary McManus, 241 East Seventy-ninth St.; architect, A. B. Ogden.

THE AMERICAN
VOL. XI.

FEBRUARY 18, 1
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THE fatal fire in the old *World* building i
called out some sharp comments from the p
The owner, Mr. O. B. Potter, with certain me
by him, having testified that the structure w
provided with "quite sufficient" means of e
fire, and that it was never on fire before, the
remarking that notwithstanding the "quite s
capes, four or five persons were burned to dea
could not get out; that another witness, a fire
having been called to three fires in the building
one; that instead of being "well built," the par
made of unplastered pine boards, and the ceili
and lower stories of the same. Very little
have been taken of the premises, and the buildi
been one of those which crowd the narrower str
cities, mere shells whose interior has been alter
up, divided and sub-divided in the cheapest ma
construction, not less than the character of t
offers a standing menace to the property in the

THE destruction of the building seems, hov
the owner cannot be said to have shown remar
in the care of his property, to have been rathe
his ignorance of precautions which an expe
thought of immediately, rather than of any int
pable negligence. According to the testimon
inquest, the building when first erected was f
flue for a steam boiler, which was kept in cons
Within a few years the construction of the Mor
and other lofty buildings in the neighborhood ha
draught of this flue, and another larger one had
taking out the wall on an adjoining stack, an
with between two unused flues, so as to form o
able size, then closing the opening with four-in
The smoke from the boiler was turned into
which gave a perfect draught, but complaints w
of the heat of the wall over it, even as far as
and for some days before the fire a smell of burn
perceived in the building. The day before the
this smell having become more distinct, an inve
made, resulting in the removal of a charred tim
fifth-story floor. Mr. Potter then, desirous o
farther danger from the flue, sent for his masons.
draught from the boiler shifted back to the old
opening into the new one closed with bricks and
walls rapidly cooled, and to all appearance the
averted, so that Mr. Potter left the city the next
his farm in the country, where he received a tele
middle of the day, saying that his building was in

THE circumstances seem to us to indicate that a
tion had been kindled in several portions of the w
the proximity of the new flue, which was unquest
surely built and overheated. The charring of the
fifth floor was simply an example of the process in
other places, and the removal of the timber onl

Feb 25, 1882

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

253,493. Sheet-Metal Pipe. — William Austin, Philadelphia, Pa.

253,500. Wrench. — William H. Bielefeld and David C. Hinkle, Moulton, Ohio.

253,520. Adjustable Ventilating-Door. — Josiah S. Du Bois, Haddonfield, N. J.

253,534. Fastener for Meeting Rails of Sashes. — John E. Howard, Reading, Mass.

253,535. Device for Cooling Dwellings. — John A. B. King, Cincinnati, Ohio.

253,540. Manufacture of Glass Fittings and Trimmings of Buildings. — Christopher W. McLean, New Berne, N. C.

253,541. Manufacture of Annealed and Toughened Glass Slabs. — Christopher W. McLean, New Berne, N. C.

253,542. Glass Mantle.—Christopher W. McLean, New Berne, N. C.

253,551. Wash-Basin. — Fred P. Palmer, Montmorenci, S. C.

253,556. Process of and Apparatus for Drying Lumber.—James Randall, San Francisco, Cal.

253,561. Weather-Strip. — Wilson Thompson, Belleville, Kans.

253,563. Sash-Fastener. — Henry P. Tyler, North Brookfield, and James B. Atwood, Three Rivers, Mass.

253,564. Conductor-Pipe. — Ezekiel Van Noorden, Boston, Mass.

253,5— Vise.—Calvin L. Butler, Greenfield, Mass.

253,610. Door-Bell. — James J. Johnson, Columbiana, Ohio.

253,648. Automatic Water-Lifter. — Addison G. Waterhouse, New York, N. Y.

253,638. Fire-Proof Building. — John Arbuckle, Brooklyn, N. Y.

253,671. Crosscut-Saw. — Eben M. Boynton, West Newbury, Mass.

253,672. Sash-Cord Pulley. — Thomas Breen, Knowlton, Pa.

253,677. Water-Closet.—Joseph Budde, San Francisco, Cal.

253,679. Anti-Friction Roller Bearing.—Heinrich Bussing, Brunswick, Germany.

253,695. Governor Attachment for Elevators. —A. Hefner, Eatonton, Ga.

253,720. Fire-Extinguisher. — Isidor Kitsee, Cincinnati, Ohio.

253,732. Guard for Doors and Windows. — John L. MacDonald, Shakopee, Minn.

253,740. Cooling and Ventilating Houses. — Thomas McGrory, Philadelphia, Pa.

253,756. Bench-Vice.—Jesse Lindon Parker, Fountain City, Ind.

253,789. Knob Attachment. — Henry R. Towne, Stamford, Conn.

253,790. Ice-House.—Arthur Von Krause and Mathias Kuhnen, Blauvelt ville, N. Y.

253,795. Alarm-Lock. — James E. Wells, Auburn, N. Y.

253,799. Hydraulic Elevator.—Charles T. Windstrand, Minneapolis, Minn.

253,816. Shingling-Gage. — George B. Clark, Springville, N. Y.

SUMMARY OF THE WEEK.

Baltimore.

Stores, etc.—Wm. F. Weber, Architect, is engaged upon the following:

Three-st'y store and warerooms, 18' x 66', for Mr. C. G. Carmine, No. 60 North Howard St.; cost, $6,000.

Three-st'y addition to store, No. 58 North Howard St.; cost, $4,500.

Addition to store for Nathan Gutman, Esq., No. 66 Lexington St., 44' x 44', two stores and basement; cost, $7,000.

Five three-st'y basement dwellings, for Mr. W. L. Stock, Madison Ave., cor. of Roberts St.; to be built of brick, with stone trimmings; cost, $30,000.

Building Permits.—Since our last report twenty-three permits have been granted, of which the more important are as follows:

Jos. H. Rieman, four-st'y brick warehouse, No. 64 N. Howard St., s e cor. of Clay St.

Michael Wagner, two-st'y brick building, Duncan Alley, between Pratt and Gough Sts.

Orlando Dufer, three-st'y brick building, Edmondson Ave., e of Arlington Ave.

Geo. Worrick, 2 two-st'y brick buildings, Hoffman St., e of Aiquith St.

Wm. Peat, three-st'y brick dwelling, Chase St., w of Forrest Place.

F. W. Classen, 6 two-st'y buildings, Charles St., beginning 16 feet n of McComas St.

Boston Fear, 5 three-st'y brick buildings, Fulton St. beginning 94 ft. n of Edmondson Ave.

Ebenezer W. Haviland, 13 three-st'y brick buildings, beginning at the n w cor. Presstman and Stricker Sts., fronting on Presstman St.

C. H. Lake, a green-house, in rear of No. 259 Greenmount Ave., between Biddle and John St.

James Guvoy, two-st'y brick building, Harmony Lane, between Carrollton and Arlington Aves.

Henry McGraw, three-st'y brick building, Eden St., between Aliceanna and Lancaster Sts.

Henry Jakes, two-st'y brick building, McHenry St., between Monroe St. and Goldsmith Alley.

G. P. Bartenbacker, two-st'y brick building, McHenry St., in rear of No. 807 Fratt St.

Thos. Godey, three-st'y brick building, in rear of No. 41 Hanover St.

Geo. W. Cooper, three-st'y brick building, Chester St., n of Baltimore St..

Boston Fear, 5 two-st'y brick buildings, 12' x 26' each, Bruce Alley, beginning 94 ft. n of Edmondson Ave.

Jos. Wm. Jenkins, two-st'y brick building, Hoffman St., e of Bolair Ave.

Boston.

Building Permits.—*Brick. — Commonwealth Ave.*, near Exeter St., Ward 11, for S. Endicott Peabody, dwell., 26' x 84', four-st'y and mansard; Hugh McLaughlin, builder.

Newbury St., No. 333, near Hereford St., Ward 11, for Chas. W. Parker, dwell. and stable, 22' x 60', two-st'y; L. P. Soule, builder.

Roanoke Ave., cor. Revere St., Ward 23, for Episcopal Society, stone church, 47' x 112'; John D. Wester, builder.

Wood. — Melville Ave., rear, near Washington St., Ward 24, for Mrs. Rebecca T. Shaw, stable, 27' x 38'; S. H. L. Pierce, builder.

High St., rear of, opposite Charles St., Ward 23, stable for John Gately, 21' x 23'; Thomas Shed, builder.

Conant St., No. 130, rear of, Ward 22, for Lewis S. Conant, stable, 20' x 26', two-st'y.

Alford St., rear of, near Malden Bridge, Ward 4, for Bridget Crowley, stable, 14' x 20'.

Milton St., rear of, cor. Wadsworth St., Ward 1, for Mary J. Burnett, stable, 18' 6" x 25'; John Scott, builder.

Market St., rear of, opposite Lyman Ave., Ward 25, for National Market Bank of Brighton, carriage-shed, 20' x 30'.

Boston St., near Dorset St., Ward 15, for Leander H. Jones, dwell., 22' 6" x 43', two-st'y; Leander H. Jones, builder.

Dorset St., near Boston St., Ward 15, for Leander H. Jones, dwell., 21' x 40', two-st'y; Leander H. Jones, builder.

Rockview Pl., near Rockview St., Ward 23, for Dougald McDonald, dwell., 22' and 30' x 30', two-st'y.

Euclid St., near Withington St., for Wm. C. Hawkes, Jr., dwell., 22' x 30', two-st'y; J. H. Wilder, builder.

Brooklyn.

Building Permits.—*Flushing Ave., No.* 784, s s, 56' w Yates Pl., 1 two-st'y frame factory and dwelling; cost, $2,500; owner, Fred Hosch, 782 Flushing Ave.; architect, Th. Engelhardt; builder, B. Rauth & Bro., and Jno. Rueger.

India St., Nos 117 *and* 119, n s, 150' w Manhattan Ave., 2 three-st'y frame dwellings; cost, $4,000; owner, George W. Allen, 121 India St.; architect, F. Weber; builders, J. Rooney and J. Randall.

Willoughby Ave., s s, abt 100' w Clermont Ave., 1 three-st'y brown stone dwelling; cost, $5,500; owner, John Hopkins, Adelphi St., near Willoughby Ave.; architect, M. J. Morrill; builders, P. J. Carlin and Long & Barnes.

Bridge St., s w cor. Plymouth St., 1 five-st'y brick factory; cost, $16,000; owner, Patrick Cassidy, Fifth Ave., New York; architect, R. Dixon; builder, John Gulliloyle.

Oates Ave., s s, 175' e Franklin Ave., 3 three-st'y brown stone dwell'gs; cost, each, $7,000; owner, D. A. Sanborn, 521 Clinton Ave.; architect and carpenter, H. J. Smith; builder, J. J. Bentsen.

Fifth Ave., s e cor. Eighth St., 4 three-st'y brown stone stores and flats; total cost, $24,000; owner, Wm. Irvine, Court St. cor. Ninth St.; architect, J. Brune or Brunce; builders, J. Buchman & Son and N. J. Conway.

Prospect Pl., n s, 100' w Albany Ave., 6 three-st'y frame dwells.; cost, each, $1,250; owner, J. Herod, 1389 Atlantic Ave.; architect, A. Hill; builders, J. Ashfield & Son.

Chicago.

Plasterers' Wages.—The plasterers have issued a manifesto stating that they will demand $2.75 per day after March 1, next.

Stores.—John V. and Charles B. Farwell, six-st'y and basement stores, 397' x 255', on the block bounded by Monroe, Market, Adams Sts., and the Chicago River. Stone front faced with St. Louis pressed brick, and granite columns; cost, $550,000; J. M. Van Osdel, architect.

Building Permits.—Howting & Crowhurst, two-st'y concrete dwelling, 20' x 60', Thirty-second and Wallace Sts.; cost, $2,400.

Goss & Phillips M'f'g Co., three-st'y addition to factory, 60' x 150', Twenty-second and Fisk Sts.; cost, $10,000.

Henry Meyer, two-st'y flats, 23' x 56', n e cor. Webster and Orchard Sts.; cost, $3,500.

Thos. Walker, two-st'y dwelling, 20' x 44', 3759 Dearborn St.; cost, $2,500.

Amos Williams, 2 two-st'y flats, 40' x 46', Oakley Ave. and Harrison Ave.; cost, $6,000.

J. G. Earle, 4 two-st'y dwellings, 40' x 72', Stanton and Thirty-seventh Sts.; cost, $6,000.

John Johnson, three-st'y store, 52' x 70', Chicago Ave. and Sedgarick St.; cost, $8,000.

A. Hanter, two-st'y store, 21' x 50', 699 N. Halsted St.; cost, $4,000.

Aug. Kluiger, three-story dwelling, 22' x 60', 169 Milton Ave.; cost, $6,000.

Union Iron Co., addition to factory, 40' x 94', Erie and Sedgwick Sts.; cost, $2,800.

Alex Owens, two-st'y flats, 22' x 40', Seymour and Fulton Sts.; cost, $2,000.

Chas. Noyes, two-st'y factory, 24' x 94', Milwaukee Ave. and Clinton St.; cost, $7,000.

Young & Farrell Stone Co., one-st'y brick stone works, 105' x 266', Lumber St., near River; cost, $15,000.

D. M. Osborn, three-st'y warehouse, 160' x 160', Morgan and Sixteenth Sts.; cost, $10,000.

R. T. Crane, Repair Factory destroyed by fire, 150' x 250'; Judd and Wilson Sts.; cost, $25,000.

McGerten, two-st'y and cellar brick dwell., 22' x 51', Hurlbut near Centre St.; cost, $4,000.

Ed. Gannott, three-st'y and basement brick dwell., 21' x 61', 2219 Wentworth Ave.; cost, $6,000.

J. P. Drendel, two-st'y brick dwell., 22' x 49', Larrabee St.; cost, $3,700.

E. B. Washburne, 2 three-st'y and cellar brick dwells., 23' x 72', Maple St., west of State St.; cost, $25,000.

Republic Life Building, two additional stories, 86' x 90', 161-163 La Salle St.; cost, $35,000.

Fisher & Wheeler, five-st'y and basement brick factory, 75' x 100', s e cor. Polk St. and Third Ave.; cost, $50,000.

Walker & Lauritzen, two-st'y brick dwell., 21' x 48', 3547 Dearborn St.; cost, $2,500.

John Kleinschmidt, two-st'y and basement brick dwell., 22' x 53', 223 N. Ashland Ave.; cost, $3,000.

Schack & Pewestorf, two-st'y brick livery stable, 24' x 100', 833 Chicago Ave.; cost, $4,000.

John Haller, two-st'y and attic brick dwell., 21' x 57', Nineteenth St., near Paulina; cost, $3,000.

A. Christianson, one-st'y brick factory and barn, 42' x 60', rear 425 and 427 W. Harrison St.; cost, $3,000.

O. M. Brady, two-st'y brick flats, 22' x 50', 119 Walnut St.; cost, $2,500.

James Conway, two-st'y brick dwell., 21' x 28', 369 Thirty-second St.; cost, $2,000.

Weir & Craig, two-st'y brick addition to factory, 32' x 55', 2252 Archer Ave.; cost, $3,500.

C. F. Schumacker, three-st'y and basement brick store and dwell., 36' x 57', Blue Island Ave. and Thirteenth Pl.; cost, $6,000.

John Lauritzen, two-st'y and basement brick dwell., 22' x 54', 3524 Indiana Ave.; cost, $5,000.

Union National Bank, repair damaged buildings, 184' x 186', Twenty-second St.; cost, $3,600.

A. Morck, three-st'y and basement brick dwell., 22' x 56', 201 Taylor St.; cost, $4,000.

F. Kobie, three-st'y and basement brick dwell., 23' x 58', 441 So. Desplaines St.; cost, $4,200.

Cincinnati.

Builders' Exchange.—The committee appointed at the last meeting to report a ticket to be placed in nomination as officers of the Builders' Exchange for the ensuing year has submitted the following ticket: President, William H. Stewart, Jr.; Vice Presidents, L. B. Hancock, and William Schuberts, Jr.; Directors, J. C. Harwood, Saml. B. Tappin, Thomas Gibson, T. E. Livezey, Chas. Crapsey, D. H. Finnigan, H. H. Post, Thos. H. Curry, E. P. Ransom, and Jos. Cotteral, Jr.; Committee on Arbitration, James Dale, S. L. Snodgrass, E. R. Loughead, A. C. Nash, John Parker; Committee on Appeals, Thomas Gilpin, A. W. Williamson, T. E. Livezey, M. B. Farrin, H. H. Goodrich, J. M. Collins, D. S. Rohan, H. E. Holtzinger. Upon motion the report was adopted, and the committee authorized to fill any vacancies that might occur on the ticket before the day of election, which takes place on Monday, March 6, between the hours of 10 A. M. and 4 P. M.

City Hall.—The Legislature is to be petitioned for a bill authorizing a loan of $1,000,000 for the erection of a new city building.

Museum of Fine Arts.—Mr. Chas. W. West who gave $150,000 of the $300,000 already subscribed and paid in for the purpose of erecting a new Art Museum building, in Eden Park, has lately given another sum of $150,000, the interest of which is to be applied to the maintainance of the museum.

Building Permits.—The following permits have been issued since our last report:—

John F. Lubring, two-st'y brick dwells., cor. Kenton and Morgan Sts.; cost, $2,000.

Rentfleish, two-st'y brick dwell., Observatory Road; cost, $3,000.

H. Johanning, three-st'y brick dwell., No. 17 Adams St.; cost, $45,000.

Mrs. H. Kock, three-st'y brick dwell., No. 210 Betts St.; cost, $2,030.

Chas. Hanna, two-st'y frame dwell., Brown St., near Bauiller St.; cost, $1,000.

M. Johns, two-st'y frame dwell., Kenton and Wayne St.; cost, $2,900.

Dr. D. W. Clancey, four st'y stone front dwell., s e cor. of Seventh and John Sts.; Mr Saml. Hannaford, architect; cost, $14,000.

John Kirchuls, two-st'y brick dwell., Calhoun St., near Dennison St.; cost, $4,500.

A. Beppe, two-st'y frame dwell., Camp Washington; cost, $2,500.

Thirteen permits for repairs, costing, $7,750.

Detroit.

Hotel.—The Russell House, Woodward Ave., is undergoing additions and alterations, at a cost of about $100,000; Gordon W. Lloyd, architect.

Building Permits.—The following are the more important of the eighty-two permits granted since our last report:

Dingeman & Smith, 2 frame dwells. on Fourth St.; cost, $4,000.

Peter D. Tallent, brick dwell., No. 109 Abbott St.; cost, $2,800.

A. Rose, frame dwell., Frank St.; cost, $2,700.

John Wilk, 2 frame dwells. on Thirteenth St.; cost, $2,000.

H. R. Chope, frame dwell., No. 296 Park St.; cost, $2,000.

De Man Bros., sash and door factory, No. 297 Trumbull Ave.; cost, $3,000.

W. P. Gibbings, frame dwell., No. 428 Fourth St.; cost, $3,500.

John La More, 3 frame dwells., Fourteenth St.; cost, $4,200.

Clement Lafferty, 3 frame dwells. on Thirteenth St.; cost, $2,000.

Henry Knowles, frame dwell. on Willis Ave.; cost, $2,200.

(Continued on next page.)

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tors —Automatic Elevator Hat

THE New York Commissioner
drawn into a little difference of
on the subject of compelling hous
Water to use meters, and pay for
to its actual amount. The Comm
with the necessity for adopting so
mous waste of water which now
interests in the city, and as the
acknowledged to occur in privat
desirable that the most efficient m
be applied there, and Mr. Thom
some degree of thoroughness, ask
hundred and fifty thousand dollar
him to use such appliances and
as his professional advisers belie
Board of Apportionment, which
the tax levy, consists of the May
of Aldermen, the President of the
Comptroller. Of these it is said
favor of granting an appropriatio
place of the two hundred and fi
Commissioner, but Mr. Campbell
ion is entitled to the more weig
years Commissioner of Public
was no immediate necessity for e
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priation should be reduced to fi
accordingly done. Although, k
effect which has followed the res
of water in some towns in Engla
ing with the wishes of the Com
Comptroller is justified in regard
practice an efficient system as t
without mature consideration.
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and we commend the problem t

THE Boston Manufacturers' M
has sent to its members a second
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issued by this company affords
who are interested in the constr
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company make no opposition;
expresses their confidence in th
put up and adjusted within the
control of the manager;" but
"not to allow any public tel

March 4, 1882

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

Baltimore.

LABOR MARKET.—Prices in all departments of labor correspond to the figures last mentioned.

HOUSES.—Six three-st'y basement houses, McMechen St., and Park Ave., for Henry Blake, Esq.; to be built of brick, stone, and terra-cotta; Mr. Chas. L. Carson, architect.

STORE.—Iron front store, 20' x 66', four-st'y, for Mr. Jno. A. Hamman, No. 46 North Howard St.; cost, $9,000; Mr. Jackson C. Gott, architect.

BUILDING PERMITS.—Since our last report twenty-two permits have been granted, the more important of which are as follows:—

Philip P. Trazer, two-st'y brick building, s w cor. Jefferson and Chester Sts.

W. T. Seebold, two-st'y brick building, Saratoga St., between Fremont St and Myrtle Ave.

Samuel Snowden, 3 two-st'y brick buildings, Bouldin Alley, commencing 70' n of Wilson St.

Frank Gunterman, 2 two-st'y brick buildings, Chestnut Alley, between Cross and West Sts.

John W. Geiger, three-st'y brick building, s e cor. High and Pratt Sts.

Arthur Dickerson, 2 three-st'y brick buildings, German St., between Pine and Fremont Sts.

Jos. Patterson, three-st'y brick building, Eager St., w of Broadway.

Dr. T. W. Coyle, three-st'y brick building, No. 239 Eutaw St., between Madison Ave. and Biddle St.

John Schonewolft, three-st'y brick building, and two-st'y brick stable, s w cor. Williams and Gittings Sts.

Boston.

BUILDING PERMITS.—*Brick.*—*Tyler St., No.* 105, for C. A. Jordan, stable, 27' 6" x 60', four-st'y; Wm. M. Rumery & Co., builders.

Wood.—*Euclid St.*, near Withington St., Ward 24, for Wm. C. Hawkes, Jr., dwell., 22' x 36', two-st'y; J. H. Wilder, builder.

C St., Nos. 29-31 *and* 33, Ward 13, for Hugh Gibbon, 3 dwells., 21' 6" x 39' 4", three-st'y.

Rutherford Ave., nearly opposite Miller St., Ward 5, for Robert Duddy, stable, 25' x 40' and 25' x 50', two-st'y; Chas. B. Erskine, builder.

North Beacon St., nearly opposite Lyman Ave., Ward 25, for H. B. Goodenough & Co., wool-pulling building, 30' x 120', three-st'y; Stephen Holmes, builder.

Dove St., cor. E St., Ward 14, for Joseph Green, stable, 32' x 65'; 2 ells 21' x 68' each.

Minot St., cor. Sheridan St., Ward 24, for H. P. Oakman, dwell., 20' x 32', two-st'y; H. P. Oakman, builder.

Bearse Ave., near River View St., Ward 24, for Alfred T. Newcomb, dwell., 25' x 30', two-st'y; F. M. Severance, builder.

Arklow St., cor. Walden St., Ward 22; Thomas Sprowles, dwell., 14' and 15' x 27'.

Arklow St., cor. Walden St., Ward 22; Thomas Sprowles; dwell., 13' and 14' x 29'.

Glendale St., near Bird St., Ward 20, for Edward McKechnie, dwell., 31' x 35', two-st'y; Edward McKechnie, builder.

Canterbury St., near Hyde Park Ave., Ward 23, for Wm. O'Brien, dwell., 18' x 26'; Thomas Shea, builder.

Neponset St., rear of, near Union St., for Wm. Whyte, storage, 22' x 33', Ward 24; Munson Rowland, builder.

Glendale St., near Bird St., Ward 20, for Edward McKechnie, dwell., 31' x 35', two-st'y; Edw. McKechnie, builder.

Brooklyn.

BUILDING PERMITS.—*Graham Ave.*, e s, 25' n North Second St., three-st'y frame tenement; cost, $4,500; owner, Wm. Shaffner, cor. above Sts.; builders, J. Rauth and M. Metzen.

Jefferson St., n s, 193' e Tompkins Ave., 12 three-st'y brownstone dwells.; cost, each, $5,000; owner, D. T. Macfarlan, 67 Liberty St., New York; architect, N. M. Whipple; builders, Macfarlan & Co.

Sumner Ave., Nos. 40, 42 *and* 44, near Floyd St., three-st'y frame store and tenement and 2 three-st'y frame tenements; cost, each, $4,000; owner, F. Koch, Hopkins St.; architect, Th. Engelhardt; builders, W. Rauth and Y. Eich & Bro.

Prospect Pl., s s, 140' e Rogers Ave., three-st'y frame tenement; cost, $3,800; owner, M. Massace; architect, J. D. Reynolds; builders, J. Richard and T. Donnelly.

Macon St., n s, 100' w Reid Ave., 6 two-st'y brownstone dwells.; cost, each, $5,500; owner, George Nichols, 80 Rogers Ave.

Bushwick Ave., s e cor. Jacob St., three-st'y frame dwell.; cost, $11,000; owner, C. A. Robinson, 114 Magnolia St.; architects, D. & J. Jardine.

Beaver St., n w cor. Locust St., 5 three-st'y frame tenements; cost, each, $3,200; owner and carpenter, George Loeffler, 82 Tompkins Ave.

Chicago.

BUILDING PERMITS.—B. Luders, two-st'y and basement brick dwell., 21' x 50', 183 Larrabee St.; cost, $3,500.

Potter Palmer, three-st'y and cellar brick dwell., 56' x 80', Bank St., e of State St.; cost, $90,000; Cobb & Frost, architects.

N. R. Blatherwick, two-st'y and basement brick flats, 41' x 50', Jackson and Leavitt Sts.; cost, $8,000.

P. J. Quinn, three-st'y brick flats, 20' x 44', 29 Pine St.; cost, $3,000.

Chicago Rubber Works, three-st'y brick factory, 51' x 135', Grand Ave., near Rockwell St.; cost, $30,000.

E. Ottenheimer, three-st'y brick addition, 10' x 20', 20 Brown St.; cost, $2,000.

Geo. W. Cooper, two-st'y and cellar brick flats, 24' x 64', 204 Walnut St.; cost, $4,500.

A. Wachter, three-st'y brick flats, 20' x 60', 182 Sherman St.; cost, $6,600.

J. A. Roche, three-st'y and basement brick dwell., 23' x 58', 433 Warren Ave.; cost, $8,000.

Mrs. G. C. Early, two st'y and basement brick dwell., 639 West Monroe St.; cost, $6,000.

Drs. St. John and Copland, three-st'y and cellar brick flats, 36' x 84, s e cor. Stanton and Warren Ave.; cost, $10,000.

Wm. Smith, one-st'y brick foundry, 62' x 125', Twenty-third St. and Stewart Ave.; cost, $6,000.

Chicago Lumber Company, three-st'y brick factory, 64' x 150', Thirty-third and Iron Sts.; cost, $25,000.

Chicago Lumber Co., two-st'y brick barn, 35' x 50', Thirty-fifth and Iron Sts.; cost, $3,000.

Chicago Lumber Co., two-st'y brick office, 32' x 50', Thirty-fifth and Iron Sts.; cost, $2,500.

Chicago Lumber Co., one-st'y brick dry kiln, 80' x 80', Thirty-fifth and Iron Sts.; cost, $6,000.

W. Schade, 2 three-st'y and basement brick stores and flats, 50' x 65', Nos. 759, 771 West Lake St.; cost, $16,000.

Paul Juergens, 2 three-st'y and basement brick dwells., 44' x 50', Nos. 486 and 488 La Salle Ave.; cost, $15,000.

Addie & Farran, two-st'y brick flats, 24' x 61', 375 Mohawk St.; cost, $5,500.

New York.

RUMORS.—That the Knickerbocker Club have sold their present club-house, at the corner of Twenty-eighth St. and Fifth Ave., to parties who have also bought the two adjoining houses, and that the three are to be converted into an apartment-house.

That the Gramercy Park Hotel property is to be altered into a first-class apartment-house.

That the main entrances to the Grand Opera are to be utilized as stores, or that the whole building be made into a business emporium.

LABOR MARKET.—This month shows no change, and we hear of no rumors of any advance to be asked at present.

STORES.—It is proposed to erect stores, 50' x 100', on Eighth Ave. and Forty-fourth St., the buildings to be brick with stone finish; Mr. Jas. Stroud, architect.

Nos. 440 to 444 Canal St., with a frontage of about 75', and running through to Vestry St., are to be built up as stores, fronts brick with stone finish; Trinity Church Corporation, owners; Mr. Chas. C. Haight, architect.

APARTMENT-HOUSE.—On the n e cor. of Fifty-fourth St. and Madison Ave., an apartment-house, 25' 6" x 88' is to be built. It will be five-st'y, and have a front of Philadelphia brick with Ohio stone finish.

MATERIALS.—There is no change of importance to note. Pale brick are not obtainable at less than $5 per M, and lath are firmly held at $2.25 per M.

BUILDING PERMITS.—*Third Ave.*, s e cor. One Hundred and Second St., four-st'y brick store and tenement; cost, $14,000; owner and builder, Daniel Schoonmaker, 1849 Third Ave.; architect, A. Spence.

Third Ave., e s, 26' 11" s One Hundred and Second St., four-st'y brick store and tenement, 25' x 68', tin roof, iron cornice; owner, Elizabeth Schoonmaker, 222 West Twenty-fourth St.; architect, A. Spence; builder, D. Schoonmaker.

Third Ave., e s, 170' n One Hundred and Seventieth St., one-st'y frame car-shed; cost, $3,000; owner, Harlem Bridge, Morrisania & Fordham Railroad Co., on premises; architect, W. W. Gardiner.

Baxter St., Nos. 3 *and* 5, five-st'y brick store and tenement; cost, $18,000; owner, Thomas Foulke, 60 West Thirty-eighth St.; architects, D. & J. Jardine.

One Hundred and Nineteenth St., s s, 210' w Third Ave., one-st'y iron store; cost, $3,000; owner, A. Ritterman, 166 East One Hundred and Nineteenth St.; architects, Cleverdon & Putzel.

West Forty-fourth St., No. 25, five-st'y brick and Ohio stone tenement, 25' x 63' 6", extension 12' x 18' 6" and 5' x 9', tin roof, iron cornice; cost, $18,000; owner, George Shepard, 322 West Twenty-second St.; architect, J. M. Dunn; builders, N. & H. Andruss and O. T. Mackey.

Fifty-first St., s s, between Fourth and Madison Aves., three-st'y and basement brick and brownstone school-building; cost, $30,000; owners, R. & O. Goelet, 261 Broadway; architect, J. M. Dunn; builder, M. Reid.

Chatham St., Nos. 29 *and* 31, extends to North William St., five-st'y brick store and office-building; cost, $25,000; owner, Levi A. Lockwood, Brooklyn; architect, J. B. Snook.

Seventh Ave., w s, 24' 9" s Thirty-seventh St.; 2 five-st'y brick tenements; cost, each, $17,500; owner, James J. Morison, 135 West Thirty-fourth St.; architects, Thom & Wilson; builders, J. Vix & Son.

East Forty-fourth St., Nos. 312 *and* 314, 2 four-st'y brick tenements; cost, each, $8,000; owner, F. E. Smith, 1216 Third Ave.; architect, F. T. Camp; builders, Smith Brothers and Henry Ellis.

Sixtieth St., n s, 77' w Boulevard, 2 four-st'y brick tenements; cost, one $5,000 and one $7,000; owner, Clarence M. Embury, 4 East Forty-third St.; architect, A. B. Ogden.

Madison Ave., s w cor. Fifty-eighth St., 6 four-st'y brick and Nova Scotia brownstone dwells.; total cost, $159,000; owners and builders, Charles Graham & Sons; architect, Thos. Graham.

Canal St., No. 278, three-st'y office and store-rooms; cost, $2,500; owner, Catharine W. Bruce, 39 East Twenty-third St.; architect and mason, J. Demarest; carpenter, W. A. Vanderhoff.

Fifty-fifth St., n s, 274' w Sixth Ave., one-st'y brick exercising building; cost, $4,500; owner, Henry M. Flagler, 140 Pearl St.; architect, John Correga; builders, L. N. Crow and McGuire & Sloane.

Fifty-fifth St., n s, 299' w Sixth Ave., three-st'y brick stable and dwell.; cost, $39,000; owner, architect and carpenter, same as last.

Grand St., No. 553, five-st'y brick tenement; cost, $20,000; owner, James Reed, 551 Grand St.; architect, Chr. Sturtzkober.

Varick St., s e cor. Beach St., six-st'y brick building for tenement, with 3 stores on first floor; cost, $15,000; owner, Henry McArdle, 31 North Moore St.; architect, M. C. Merritt.

One Hundred and Tenth St., s w cor. Lexington Ave., two-st'y brick and brownstone store and dwell.; cost, each, $9,000; owner, R. H. L. Townsend, 171 Madison Ave.; architect, Chas. Baxter.

Seventy-eighth St., n s, 250' e First Ave., 3 four-st'y brick tenements; cost, each, $10,000; owner and builder, John W. Warner, One Hundred and Sixth St., between Fifth Ave. and Madison Ave.; architect, Wm. Graul.

Eighty-second St., n s, 225' w First Ave., four-st'y brick tenement; cost, $14,000; owner and builder, John W. Warner, One Hundred and Sixth St., between Fifth Ave. and Madison Ave.; architect, Wm. Graul.

Lawrence St., n s, 225' w Ninth Ave., four-st'y brick apartment-house; cost, $12,000; owner, Wm. McReynolds, 209 West One Hundred and Twenty-eighth St.; builder, A. McReynolds.

Lawrence St., s s, 200' w Ninth Ave., 4 four-st'y brick apartment-houses; cost, each, $10,000; owner, etc., same as last.

One Hundred and Twenty-seventh St., s s, 225' w Ninth Ave., four-st'y apartment-house; cost, $8,000; owner, etc., same as last.

West One Hundred and Twenty-fifth St., Nos. 211 *and* 213, 2 one-st'y brick and iron stores and dwells.; cost, each, $5,000; owner, John Cromwell, Crawford, N. J.; architect, N. G. Foster; builders, J. P. Niblo and Dixon & Hiker.

ALTERATIONS.—*West Forty-fourth St., No.* 120, three-st'y brick extension; cost, $4,000; owner, Otto J. Bueb, 101 West Forty-third St.; architect, J. G. Michel; builder, John Sheridan; carpenter, not selected.

Philadelphia.

BUILDING PERMITS.—*Walnut St.*, e of Twenty-first St., three-st'y dwell., 50' x 100'; R. H. Tout, contractor.

Robeson and Main Sts., Manayunk, two-st'y office, 20' x 35'; S. Schofield.

Foulkrod St., w of Franklin St., three-st'y dwell., 16' x 44'; Yerkes & Haines, contractors.

Race St., w of Franklin St., 5 one-st'y stores; Jno. Borden, contractor.

Roberts St., between R. R. and Baker St., two-st'y stable and 4 two-st'y dwells., 14' x 36' and 16' x 50'; Wm. Cole, owner.

South Broad St., No. 253, two-st'y hall, 38' x 60'; F. Thron, owner.

Leverington Ave., e of Mitchell St., three-st'y dwell., 18' x 20'; Jno. Swoyger, owner.

Front and Morris Sts., three-st'y store and dwell. and two-st'y dwell., 14' x 28' and 19' x 54'; Amos Dotterer, owner.

Long Lane a. Reed St. and Twenty-first St., 2 two-st'y stores and dwells.; two-st'y dwells., 18' x 32' and 18' x 34'; Robert McFarland, owner.

Fisher's Lane and York Road, two-st'y station, 19' x 46'; Tourison Bros., contractors.

Hope St., No. 2207, two-st'y stable, 18' x 28'; Henry Gill, contractor.

North Front St., No. 2206, three-st'y store and dwell., 18' x 76'; H. Gill, contractor.

Atmore St., between Thirteenth and Broad Sts., 3 three-st'y dwells., 12' x 35'; Wm. Holloway, contractor.

Brown St., No. 1333, three-st'y dwell., 20' x 62'; W. Holloway, contractor.

Passyunk Ave., No. 1526, two-st'y dwell., 15' x 28'; And. Miller, owner.

Coral and Auburn Sts., 2 two-st'y dwells., 13' x 33'; Benj. Tyndall, owner.

York and Moyer Sts., one-st'y store-house, 39' x 138'; Slater & Miller, contractors.

Passyunk Road, between Tasker and Moore Sts., three-st'y dwell., 16' x 40'; J. H. Billington, owner.

Cook St., between Memphis and Tulip Sts., one-st'y brass foundry, 36' x 50'; Eldridge & Stewart, contractors.

Waterloo St., n of Diamond St., two-st'y stable, 36' x 44'; Eldridge & Stewart, contractors.

Seventh St., 18' s of Moore St., two-st'y hay-house, 70' x 80'; Chas. Kilpatrick, owners.

Armat St., e of Hancock St., 2 three-st'y dwells., 16' x 42'; H. F. Whartman, contractor.

St. Louis.

BUILDING PERMITS.—Twenty-nine permits have been issued since our last report, seven of which are for unimportant frame houses, and one important frame house. Of the rest those worth $2,500, and over, are as follows:—

OWNER'S NAME.	USE.	Stories	Rooms	COST.
J. C. Brockmeier	Store & Dwell.	2	8	$ 3,500
J. C. Brockmeier	Dwell.	2	12	2,500
G. Haven	Dwell.	2	12	4,000
Mrs. M. Gaffey	Dwell.	3	10	6,000
A. Held	Dwell.	2	8	4,000
T. Rick	Tenement H'se	2	18	6,000
John Fausek	Tenement H'se	2	12	3,000
Schultz Belting Co.	Tannery.	3	3	2,500
H. Langenford	Dwell.	2	14	6,000
St. Louis Railway Co.	Frame Houses.	1	1	3,900

Toledo.

THE WINTER has, as a whole, been a very dull one, so far as new projects for building are concerned, especially for this city. But the outlook is somewhat improving, and a good business in the surrounding country is anticipated. Material and labor being somewhat advanced may deter many from building; yet there are no excessive prices: in fact not as high ones as in 1873-4. Natural laws seem to regulate it all, for when building is expensive, there is more money with which to build.

(Continued on next page.)

THE Superintendent of Buildi
with the reversal of his orders i
Windsor Theatre, has published
ing expressions which would seem
of experiencing the penalties att
The theatre in question was repo
as unsafe, and on inspection it w
leaned in a dangerous manner, a
have it put in proper condition
quested a respite in order that the
might not be interrupted, and on
appealed to the Supreme Court,
judge, Van Brunt, after hearing
decided that the wall in questi
refused to authorize the Superi
tion. It is hardly surprising t
decision to heart as casting an
thority as an expert, and he rej
quite undisguised. According
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of the Grand Street buildings
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difficulty as the question whethe
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any, shall be on the safe side.

MR. THOMPSON, the Commi
city of New York, has presente
Chief Engineer of the Wate
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be provided for use in extin
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Mr. Newton considers inexpe
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twelve million dollars, and th
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crease in the supply of Cro
believes, by the enlargement
soon be rebuilt in any case,
reservoir sufficiently large to

March 11, 1882

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

BUILDING PATENTS.

[*Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.*]

254,109. Spring-Hinge. — Theodore Butler, Cleveland, O.

254,126. Core for Sash-Weights. — P. Henry Griffin, Detroit, Mich.

254,178. Perspective Delineator. — Gerard M. Perk van Lith, New York, N. Y.

254,184. Auger-Bit. — Thomas Wood and James Morris, Birmingham, Conn.

254,210. Adjustable Wrench. — William R. Godfrey, Sidney, Neb.

254,216. Fireplace. — John W. Horn, Rhea's Mills, Tex.

254,232. Sash-Fastener. — Thomas Orton, Chicago, Ill.

254,235. Blind-Slat Adjuster.—Charles H. Phillips, and Edward C. Greene, East New York, N. Y.

254,237. Door Check. — Jeremiah Pickering, Leon, Io.

254,242. Hoist. — William F. Sexton, Sr., and William F. Sexton, Jr., Toronto, Ontario, Canada.

254,245. Door-Hanger. — Albert L. Swett and William H. Samson, Medina, N. Y.

254,247. Manufacture of Artificial Stone. — Stephen Trone, Avoca, Ill.

254,253. Automatic Fire-Extinguisher. — Edward H. Ashcroft, Lynn, Mass.

254,271. Fire-Extinguisher. — Albert M. Burritt, and Angelo C. Burritt, Waterbury, Conn.

254,274. Preserving Wood. — Joseph P. Card, St. Louis, Mo.

254,275. Adjustable Socket-Wrench. — Felix Chantrell, Bridgeport, Conn.

254,286. Hollow-Auger. — Frederick S. Dellenbaugh, New York, N. Y.

254,291. Elevator. — Robert Dunbar, Buffalo, N. Y.

254,314. Cowl.—Charles S. Hempstead, Masontown, Pa.

254,342. Artificial Stone. — Carl F. Leidholt, Neillsville, Wis.

254,360. Ventilator. — Willis E. Moore, Thorntown, Ind.

254,364. Sewer-Trap. — James F. O'Grady, Chicago, Ill.

254,365. Artificial-Stone Composition. — William W. Patterson, Corning, Io.

254,366. Paving and Building Material. — Antonio Pelletier, Washington, D. C.

254,396. Floor-Tile.—John Siebel, Oskaloosa, Io.

254,398. Hollow Grate.—James G. Smith, Cleveland, O.

254,402. Mortise Lock.—Solomon P. Stoddard, New York, N. Y.

254,409. Colored-Glass Window. — Louis C. Tiffany, Morristown, N. J.

254,411. Spike-Extractor. — William B. Turner, Long Island City, and Albert P. Prout, Woodhaven, N. Y.

254,413. Fire-Escape.—Thomas J. Vinton, Holly, Mich.

254,419. Wood-Turning Lathe. — Charles W. Wilder, Fitchburg, Mass.

254,432. Spring-Hinge. — Ira S. Davis, Detroit, Mich.

SUMMARY OF THE WEEK.

Baltimore.

Building Permits.—Since our last report twenty-seven permits have been granted of which the more important are as follows:—

J. J. Underhill, three-st'y brick building, No. 178 Hanover St., s w cor. of York St.

Daniel Singleton, two-st'y brick building, 18' x 45', adjoining s e cor. Ridgely and West Sts.

Henry Schamburg, 3 three-st'y brick buildings, Lee St., bet. Eutaw and Warner Sts.

G. M. Gill, 2 two-st'y brick buildings, Wilmer Alley, s of Smith St.

L. H. Robinson, 5 three-st'y brick buildings, Mount St., bet. Harlem Ave. and Lanvale St.

L. H. Robinson, 6 two-st'y brick buildings, Vincent Alley, bet. Harlem Ave. and Lanvale St.

J. H. Thiemeyer, two-st'y brick building, No. 306 Caroline St., bet. Lancaster and Block Sts.

Samuel Wyman, four-st'y brick building, n e cor. Park Ave. and Eager St.

Matthew Hietzman, three-st'y brick building, in rear of n e cor. Franklin and Paca Sts.

Charles Deineau, 4 two-st'y brick buildings, Clifford Alley, bet. Scott and Poppleton Sts.

Wm. Dashields, two-st'y brick building, Grindall St., bet. Riverside Ave. and Covington St.

Robert R. Rennert, 3 three-st'y brick buildings, 20' front each, Eutaw Pl., and 3 three-st'y brick buildings, 17' front each, McMechen St., in rear of above.

Boston.

Building Permits.—*Brick.—Dow St.*, near Earl St., Ward 13, for S. A. Woods' Machine Company, storage building, 38' x 70'.

254 to 260 Newbury St., Ward 11, for Silas W. Merrill, block of 4 houses, 22' x 52' each, three-st'y and mansard; Silas W. Merrill, builder.

Albany St., No. 573, cor. East Dedham St., Ward 17, for Wm. H. Leatherbee & Son, dry-house, 24' and 80' x 80', two-st'y; Cressy & Noyes, builders.

Wood.—Hartford St., near Howard Ave., Ward 20, for Guy A. Clifford, dwell., 22' x 32'; ell, 16' x 19', two-st'y, hip; J. F. Ferguson, builder.

Spring St., near Cypress St., Ward 23, for Edward Morrill, dwell., 21' x 29'; ell, 13' x 18', two-st'y; Wm. S. Mitchell, builder.

Garden St., rear of, near Linden St., Ward 23, for Wm. H. Brown, stable, 16' x 20'; W. B. Cameron, builder.

Magewood St., near Blue Hill Ave., Ward 21, dwell. for Hugh Nawn, 23' 6" and 29' 6" x 32'; ell, 17' x 19', two-st'y; N. B. Quigley, builder.

Gilbert St., nearly opposite Hoffmann St., Ward 23, for Caroline Ralzel, dwell., 24' x 34', two-st'y; John L. Dakin, builder.

Champney St., near Lowland St., Ward 15, for James D. Sim, boiler shop, 40' x 40'.

Woodward Ave., near George St., Ward 20, Maximilian Kaiser, dwell., 23' x 40', four-st'y; F. J. Portuntuo, builder.

M St., near East Seventh St., Ward 14, for Wm. T. Eaton, 2 dwells., 19' x 32', two-st'y, mansard; Wm. T. Eaton, builder.

January Report. — The following permits were granted at the Office of Inspector of Buildings during January: Brick, 8; Wood, 47; Special 1; Repairs and Alterations, 103; Boilers and Engines, 20; Heating Apparatus, 21.

Brooklyn.

House. — A residence to cost about $14,000, first st'y to be brick, above frame with brick filling, is to be built for C. A. Robinson, from designs of Messrs. D. & J. Jardine, of New York.

Building Permits. — *Ten Eyck St.*, s s, 650' e Waterbury St., one-st'y brick factory; owners, L. Waterbury & Co., on premises; architect, E. F. Gaylor; builders, Jno. McQuade and Jenkins & Gillies.

Broadway, e s, about 50' from junction with s s Cook St.; two-st'y frame warehouse; cost, $3,500; owner, E. Bunce, Broadway and Myrtle Ave.; builder, Jno. Rueger.

Lafayette Ave., n s, 200' e Lewis Ave., two-st'y frame dwell.; cost, $2,500; owner, J. Weaver, 364 Clifton Pl.; architect and carpenter, Robert Ford; masons, Van Pelt & Pearce.

Flushing Ave., s w cor. Stuben St., two-st'y brick factory; cost, $5,000; owner, James H. Gilbert, 166 Rensen St.; architect, Chas. Werner; builders, J. Ashfield & Son and W. Zang.

Washington St., n e cor. Front St., three-st'y brick factory; cost, $12,000; owners, Brooklyn White Lead Co., on premises; architect, D. B. Provost; builder, John Allen.

Willoughby St., No. 113, being 20' w Duffield St.; two-st'y brick school-house; cost, $9,000; owner, St. Boniface Church; architect, C. Werner; builders, Frank J. Kelly and C. Dietrick.

Willoughby St., n s, 60' w Duffield St., two-st'y brick dwell.; cost, $4,000; owner, architect and builder, same as last.

State St., s s, about 50' w Boerum Pl., four-st'y brick factory, etc.; cost, $14,000; owner, J. Carley, on premises; architects, Parfitt Bros.; builders, T. B. Rutan and C. M. White.

Magnolia St., n s, 300' w Irving Ave., three-st'y frame tenement; cost, $3,000; owner, Thomas Pitt, 69 Sixth Ave.; architect, Chas. Werner.

Verona St., n s, 90' e Rutan St., two-st'y brick packing-room; cost, $3,450; owner, estate F. B. Cutting, 68 Beaver St., New York; architect, H. C. Franklin; builders, R. P. Carr and C. E. King.

Washington Ave., w s, 100' n Park Ave., one-st'y brick shop and stable; cost, $4,500; owner, John Seton, 329 Myrtle Ave.; builders, Long & Barnes.

Park Ave., n s, 40' e Franklin Ave., three-st'y brick dwell.; cost, $5,500; owner, John Feltmann, Park Ave., between Franklin and Kent Aves.; architect, S. Harbison; builders, A. Rutan and W. Zang.

Park Ave., n s, 20' e Franklin Ave., three-st'y brick store and dwell.; cost, $4,500; owner, A. E. Hoddersen, Park Ave., n e cor. Franklin Ave.; architect, S. Harbison; builders, A. Rutan and W. Zang.

Carlton Ave., e s, 70' n Myrtle Ave., three-st'y brick storehouse and stable; cost, $5,000; owner, John Flynn; builders, Long & Barnes.

Willoughby Ave., n w cor. Grand Ave., two-st'y brick mission chapel; cost, $15,000; owner, Clinton Ave. Congregational Church, Clinton and Lafayette Aves.; architect, R. B. Eastmann; builders, C. Cameron and Wright & Brook.

Alterations. — *Congress St., No.* 42, s s, 192' w Columbia St., addition of one-st'y, also four-st'y brick extension; cost, $5,000; owner, Thomas Gelfaney, on premises; architect and carpenter, Geo. Damen; mason, P. McGuinn.

Fulton St., Nos. 42 *and* 44, *and Nos.* 35 *and* 37 *Doughty St.*, raised one-st'y, and damage by fire repaired, cost, $20,000; owner, Wm. M. Ducker; architect, Fred. Ik Coles.

North Fourth St., n w cor. Fifth St., one-st'y brick extension; cost, $4,000; owners, J. I. & J. F. Healey, North Fifth St. and Fifth St.; architect, W. H. Gaylor; builders, W. L. Langridge, Jr., and Jno. Fallon.

Buffalo.

House.—D. D. Benson, frame dwell., on the "Circle;" cost, $3,500; architect, Geo. J. Metzger; builder, Fred. Scott.

Library Building. — Plans are now being prepared for a "Library Building," for the Young Men's Christian Association, the building to be fire-proof, and situated at the junction of Pearl, Mohawk and Genesee Sts.

Hotel. — It is reported that Mr. C. S. Hamlin will build a large hotel on the cor. of Michigan and Seneca Sts.

Flour-Mill.—Plans are now being prepared for a large "flour-mill," to be erected on the "Ohio Basin," for Messrs. Esser, Ogden & Zimmerman.

Chicago.

Building Permits.—D. Oskette, two-st'y and cellar brick dwell., 2" x 30', Twenty-Ninth St. and Shurtleff Ave.; cost, $2,100.

E. Frankenthal, five st'y and basement store, 22' x 72', Fifth Ave. and Adams St.; cost, $20,000.

Mrs. E. Fitzgerald, five-st'y and basement store, 24' x 72', 205 Fifth Ave.; cost, $20,000.

Robert Woods, two-st'y and basement dwell., 22' x 45', 227 North Market St.; cost, $4,200.

S. L. Campbell, 6 two-st'y and basement dwells., 30' x 120', DeKalb and Polk Sts.; cost, $18,000.

H. Bailey, two-st'y cottage, 20' x 50', 330 Main St.; cost, $2,800.

Toolen & Maloney, 4 one-st'y cottages, 20' x 32' each, Butterfield St. near Thirty-sixth St.; cost, $4,000.

Wildner & Frank, four-st'y and basement store, 25' x 80', 523 Clark St.; cost, $14,000.

O. S. Meacham, five-st'y and basement store and flats, 20' x 80', 73 Vanburen St.; cost, $18,000.

Frank Amman, three-st'y and basement dwell., 25' x 52', North Clark St. and Belden Ave.; cost, $8,000.

T. H. Troust, 2 three-st'y dwells., 60' x 72', 38, 40, and 42 Pierson St.; cost, $30,000.

Cincinnati.

Houses.—Mr. Geo. W. Rapp, architect, has prepared plans for two-st'y brick dwell., for Mr. Edw. Hill, to be erected on Clifton Ave.; cost, $5,000.

Also for a three-st'y brick residence, for Mr. C. Motch, Covington, Ky.; to cost about $7,000.

Mr. Rapp has just completed a dwell. for himself on West Chapel St. Walnut Hills; cost, $11,000.

Art Museum.—Mr. Jas. W. McLaughlin has been appointed architect of the new West Art Museum Building, and work is to be commenced on the same immediately.

The Emery Hotel Accident.—The accident to the Emery Building, cor. of Sixth and Vine Sts., cannot be laid to the absence of the templates, as they were found on the pilasters in their proper place.

Building Permits. — Since our last report the following building permits have been issued: —

C. S. Smith, to rebuild the Vine St. Opera-House, which was lately injured by fire; cost, $4,000.

Moses Vehr, three-st'y brick, Longworth St., near Park St.; cost, $6,000.

G. Rilchie, three st'y brick, s w cor. Third and Sycamore Sts.; cost, $3,000.

George Schumaker, three-st'y brick, Woodburn Ave.; cost, $9,000.

Thos. Meier, repair two-st'y brick, 522 Vine St.; cost, $4,500.

M. B. Daniels, two-st'y frame, Ringgold St., bet. Youngsend Price Sts.; cost, $2,500.

Mrs. Daniels, two-st'y frame, Slack St., between Young and Price Sts.; cost, $2,000.

G. and H. Muhlhauser, three-st'y brick, n e cor. Court and Walnut Sts.; cost, $6,000.

John O. Moore, three-st'y brick, George St., bet. Elm and Plum Sts.; cost, $5,000.

C. Groth, two-st'y brick, n e cor. Madison and Corry Sts.; cost, $2,000.

S. H. Taft, 4 one-st'y frames, State St.; cost, $2,000.

A. Johnson, two-st'y brick, Kenton St., near Decall St.; cost, $6,000.

M. Voss, two-st'y brick, Liberty St., near Pendleton St.; cost, $5,000.

A. B. Cassidy, three-st'y brick, 227 West Sixth St., cost, $3,500.

21 permits for repairs; cost, $6,000.

Detroit.

Building Permits.—Sixty-eight permits have been granted since our last report. They are all for a cheap class of buildings. The following are those costing $2,000 or more:—

Hubbard & King, additions to brick dwell., 1'2 and 114 Griswold St.; cost, $5,000.

Nuppenan & Clark, additions to brick dwell., 404 Jefferson Ave.; cost, $5,000.

H. Carew, brick dwell., 706 East Congress St.; cost, $3,000.

Candler Brothers, frame dwell., 618 La Fayette St.; cost, $2,000.

D. H. Osgood, frame dwell., 33 Fulton St.; cost, $2,100.

New York.

Stores. — Nos. 384 and 386 Broadway is to be built on for Mr. R. T. Wilson. The building will be six-st'y, with basement and sub-cellar. The front is to be of brick with freestone finish. The cost will be about $85,000; Mr. J. Morgan Slade, architect.

The same gentleman has prepared plans for an iron front store, 25' x 100', six-st'y, to be built at No. 45 Greene St., at a cost of $25,000.

Also a store, 50' x 95', seven-st'y, with brick and granite front, to be built for Mr. Norman L. Munro.

On West Broadway a store, 35' x 50', five-st'y, first st'y iron, above brick and stone, is to be built at a cost of about $23,000, from designs of Mr. Wm. Kohles.

Theatre. — A new theatre is to be built on Eighth Ave., in the neighborhood of the one lately erected by Harry Miner.

Apartment-House.—On Madison Ave., adjoining the church on the cor. of Sixty-sixth St., an apartment-house, 26' 5" x 100', is to be built, four-st'y with attic. The front will be of brick, stone and terra-cotta; cost, about $50,000; Messrs. D. & J. Jardine, architects and owners.

Flats.—Three five-st'y flats, to cost about $15,000 each, are to be built on One Hundred and Ninth St., between Third and Lexington Aves. They will be 25' x 82' each: fronts brick, with Dorchester stone trimmings; Mr. Jos. M. Dunn, architect.

Rumors. — That Booth's Theatre is to be changed into stores.

That J. M. Mackay is to build a palatial residence on Fifth Ave., between Fifty-fourth and Fifty-fifth Sts.

That a large bank-building is to be erected on the site facing the Grand Central Depot.

Alterations.—No. 23 West Twenty-third St. is to be altered for the Madison Bank, at a cost of about $8,000.

No. 60 same street is to be altered and improved for

MARCH
Entered at the Post Office

CON

SUMMARY: —
Current and Impending Labo
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Cincinnati. — Mr. Cushing
Captain Meade on the Pan
way Project. — M. Maspér
The Changes at the Ecole
THE FIFTH AMERICAN ARCHITECT
HOW TO BUILD SCHOOL-HOUSES.
ARAB MONUMENTS IN EGYPT.
THE ILLUSTRATIONS: —
Competitive Designs for a Co
LEGAL NOTES AND CASES.
ON WALL AND WINDOW DECORAT
RESTORING THE TOWER.
COMMUNICATIONS: —
The White House Plumbing
of a Room. — The Tests of
Travelling Expenses.
NOTES AND CLIPPINGS.

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March 18, 1882

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

251,460. Pipe-Wrench. — Matthew T. Chapman, Aurora, Ill.

251,467. Saw-Set. — John M. Draper, Philadelphia, Pa.

254,475. Filter. — Jett Grant, Boston, Mass.

254,489. Lathe for Turning Irregular Forms. — William S. Huntington, Brooklyn, N. Y.

254,489. Foundation-Block for Buildings. — Matthew R. Marks, Orlando, Fla.

254,491. Filter. — John P. McPherson, Boston, Mass.

254,493. Evaporator for Registers. — John F. Meyer, Baltimore, Md.

254,496. Hoisting-Machine. — Frank Murgatroyd, Cleveland, Ohio.

254,507. Wrench. — George P. Schneider, Cleveland, Ohio.

254,510. Sash-Holder. — Jacob G. Slater, Wyandotte, Kan.

254,524. Stone-cutting Tool. — John Warren, Boston, Mass.

254,525. Brick-Machine. — William Woodward and Abel B. Woodward, Nashville, Tenn.

254,542. Variable Bench-Plane. — Amos Fales, Denver, Col.

254,553. Automatic Fire-Alarm. — Isidor Kitsee, Cincinnati, Ohio.

254,560. Fire-extinguishing Compound. — Michael Mathes, Jersey City, N. J.

254,561. Window-Screen. — Silas Mead, Newark, N. J.

254,568. Wood-bending Machine. — George H. Preston, Shortsville, N. Y.

254,605. Door-Hanger. — Charles W. Bullard, Chicago, Ill.

254,656. Illuminating Grating. — Thaddeus Hyatt, New York, N. Y.

254,668. Drip-Tray for Water-Closets. — Henry S. Lord and Robert E. Day, Hartford, Conn.

254,694. Door-Strip. — Clarence E. Rice, Sedgwick, Kan.

254,697. Machine for Making Lead Traps. — John Robertson, Brooklyn, N. Y.

254,717. Exit from Theatres. — John H. Smith, Buffalo, N. Y.

254,733. Mortising-Chisel. — George R. Valentine, New Bedford, Mass.

SUMMARY OF THE WEEK.

Baltimore.

Building Permits.—Since our last report thirty-seven permits have been granted, of which the more important are as follows:—

Chas. D. Blake, 2 three-st'y dwells., Biddle St., bet. Charles and St. Paul Sts.

J. G. Uhlenberg, 2 three-st'y brick buildings, Nos. 293 and 295 Bond St., bet. Lancaster and Aliceanna Sts.

Randolph Barnard, three-st'y brick building, No. 92 Myrtle Ave., bet. George and Greenwillow Sts.

John Fox, 8 three-st'y brick buildings, Division St., bet. Bloom and Pressman Sts.

James Musgrave, three-st'y brick factory, 30' x 63', No. 103 Front St., bet. Gay and Hillen Sts.

Geo. Kamps, two-st'y brick building, in rear of No. 57 Stiles St., bet. Gough and Exeter Sts.

Gerhardt Lebbehesen, three-st'y brick building, Fort Ave., bet. Andre and Stewart Sts.

Mrs. Mary Brown, three-st'y brick building, No. 211 Frederick Ave., near City Limits.

J. A. Schulte, three-st'y brick building, n e cor. Paca and West Sts.

Jos. and B. L. Harig, 4 three-st'y brick buildings, commencing at s w cor. Hanover and Conway Sts., fronting on Hanover St.

Jos. and B. L. Harig, 4 three-st'y brick buildings, Conway St., commencing 72' w of Hanover St.

H. E. Baltzell, three-st'y brick building, n w cor. Dolphin St. and Mt. Royal Ave.

Boston.

Building Permits. — *Brick.* — *Berkeley St., No.* 119, cor. Cortes St., Ward 11, for Edwin B. Horn, family hotel, 21' x 75', five-st'y; Sampson, Clark & Co., builders.

Stanhope St., Ward 11, for N. E. Weston Electric-Light Company, electric-light station, 45' and 78' x 79' and 100', three-st'y; Augustus Lothrop, builder.

Keyes St., Ward 23, for Jamaica Plain Gas-Light Company, office, work-rooms, etc., 21' and 36' 6" x 68' 6"; Nelson Curtis, builder.

Keyes St., Ward 23, for Jamaica Plain Gas-Light Company, purifying-house, 33' x 69' 6"; Nelson Curtis, builder.

Keyes St., Ward 23, for Jamaica Plain Gas-Light Company, retort-house, 33' x 73' 6"; Nelson Curtis, builder.

Alaska St., near Blue Hill Ave., Ward 21, for Silas Potter, 2 dwells., 21' 6" x 36', three-st'y; ell, 15' 4" x 19' 9"; also, 3 dwells., 21' x 36', three-st'y; ell, 15' 3" x 19' 6"; Sampson, Clark & Co., builders.

Shawmut Ave., Nos. 708-10, Ward 19, for Shawmut Ave. Messiah Society, church, 35' x 45', one-st'y hip.

Medford St., near Quincy St., Ward 4, for Geo. H. Woods & Co., engine-room and boiler-house, 40' x 42'.

Wood. — West Cottage St., near Blue Hill Ave., Ward 20, for Amos D. Gould, dwell., 29' x 34', two-st'y; Amos. D. Gould, builder.

Gunnard Pl., from Annunda St., Ward 23, for Melvin D. Ayres, dwell., 18' x 27', two-st'y; Edward Lyons, builder.

West Sixth St., No. 88, Ward 13, for Stephen J. Maskell, dwell., 25' x 41', three-st'y; P. Carroll, builder.

Hathorn Sq., No. 2, Ward 5, for N. Y. Brintnall, storage carriages, 20' x 60', two-st'y.

Monument Ave., No. 13, Ward 5, for W. C. Murray, dwell., 20' x 43', three-st'y; J. B. Wilson, builder.

Monument Ave., No. 9, Ward 5, for W. C. Murray, dwell., 26' 6" x 23' and 28'; J. B. Wilson, builder.

Monument Ave., No. 11, Ward 5, for W. C. Murray, dwell., 19' x 30'; J. B. Wilson, builder.

Burroughs St., near Centre St., Ward 23, for Paul Lincoln, 2 dwells., 22' x 44', two-st'y mansard; ell, 16' 6" x 22'; Jos. Hammerlee, builder.

Lamartine St., near Wyman St., Ward 23, for Joseph Griffin, 2 dwells., 20' x 24'; Robert D. Ward, builder.

Wheatland Ave., near Washington St., Ward 21, for Lauvin A. Bumpus, dwell., 35' x 35' 2" x 40' 2", two-st'y hip; Chas. Stinson & Co., builders.

Brooklyn.

School-Houses.—The Board of Education is discussing the propriety of building a new school-house on York St., near Bridge, in place of School No. 7.

Building Permits.—*Hewes St., Nos.* 262 *and* 264, s s, bet. Harrison and Marcy Aves., 2 three-st'y brownstone dwells.; owner, architect and builder, J. H. Hoffman, 257 Hewes St.

Quincy St., n s, 175' e Throop Ave., 3 two-st'y brownstone dwells.; cost, $3,500; owner and architect, A. E. De Baun, 510 Kent Ave.

Boerum St., No. 276, being 75' e Bushwick Ave., three-st'y frame tenement; cost, $4,000; owner, Jos. J. Froehlich, Stagg St.; architect, Th. Engelhardt; builders, W. Dafeldecker and C. Wieber.

Elbert St., s s, 100' e Bushwick Ave., two-st'y frame dwell.; cost, $2,000; owner, Henry Dornhoefer, 61 Cook St.; architect, Th. Engelhardt; builder, H. Loeffler.

Magnolia St., n s, 100' w Wyckoff St., two-st'y frame store and dwell.; cost, $2,800; owner, David Reif, 4 3 Bushwick Ave.; architect, S. Harbison; builder, J. Rueger.

Stuyvesant Ave., s w cor. Hart St., two-st'y frame dwell.; cost, $18,000; owner, H. B. Scharmann, Pulaski St. and Lewis Ave.; architect, J. Hoffman; builders, Geo. Lehrkind and J. Rueger.

Union St., s s, and President St., n s, 243' e Fourth Ave., two st'y brownstone dwell.; cost, $4,000; owners, W. & T. Corrigan, 223 Eleventh St.; architect and carpenter, Th. Corrigan; mason, Wm. Corrigan.

Adams St., 350' e Broadway, three-st'y brick factory, cost, $7,000; owner, A. Houdlet, 335 Pulaski St.; architect, J. Platte; builders, G. Cuttler and P. Johnson.

Sterling Pl., n s, 100' e Sixth Ave., two-st'y brownstone dwell.; cost, $6,000; owner, architect and builder, John Cunningham, 133 Sixth Ave.

Third Ave., e s 25' s Thirty-seventh St., three-st'y brick store and flats; cost, $4,000; owner, architect and mason, Charles Hart; carpenter, J. H. O'Rourk.

Spencer Pl., e s, 120' s Hancock St., 4 three-st'y brownstone dwells.; cost, each, $7,000; owner, architect and builder, Benjamin Lhlkin, 216 Greene Ave.

Bergen St., No. 667 bet. Vanderbilt and Underhill Aves., three-st'y brick tenement; cost, $3,000; owner, Frank McGrath, 69 Bergen St.

Meeker Ave., No. 98, n s, 32' w Russell St., three-st'y frame tenement; cost, $4,500; owner, Patrick Doyle, 91 Meeker Ave.; architects, Sammis & Bedford; builders, C. Doyle and Sammis & Bedford.

First St., w s, bet. South Second St. and South Third St., nine st'y brick sugar-house; cost, $100,000; owners, Havemeyer & Elder, First St., cor. South Fourth St.; architects, F. A. Havemeyer and J. James.

First St., w s, bet. South Second St. and South Third St., three-st'y brick boiler-house; cost, $10,000; owners, Havemeyer & Elder; architects, J. H. Havemeyer and J. James.

Green Ave., s s, 100' e Broadway, two-st'y frame dwell.; cost, $3,300; owner, Jas. B. Marsh, 992 Gremo Ave.; architect and carpenter, Jas. Williamson; mason, S. Pettit.

Throop Ave., w s, 25' s Madison St., 2 two-st'y brick dwells.; cost, each, $3,500; owner, John P. Hudson; builders, P. Sullivan and F. Weeks.

Columbia St., n w cor. Bay St., one-st'y frame foundry; owners, Richardson, Boynton & Co., 234 Water St., New York; architect, G. L. Morse.

Broadway, s e cor. Lewis Ave., 5 three-st'y brownstone flats; cost, $7,000 each; owner and builder, Chas. G. Hall, 63 Patchen Ave.; architects, Parfitt Bros.

Chicago.

House.—Mr. Potter Palmer is about to build a house at the n w cor. of Bank St. and the West Shore Drive which will cost $300,000 or more.

Building Permits.—Two-st'y and cellar dwell., 24' x 25', 80 Johnson St.; cost, $3,000; T. Memerick, owner.

Two-st'y dwell., 20' x 56', 873 Alport St.; cost, $3,500; John Roubik, owner.

Three-st'y basement dwell., 20' x 54', 50 Eldridge Court; cost, $7,000; Aug. Hinze, owner.

Two-st'y dwell., 22' x 52', 158 Loomis St.; cost, $4,500; A. Beimoli, owner.

Two-st'y barn, 27' x 50', 2328 Indiana Ave.; cost, $3,000; Benj. Allen.

Three-st'y basement and attic stores and dwells., 43' x 60', Clybourne Ave. and Larrabee St.; cost, $8,500; E. C. Jager, owner.

Two-st'y and basement dwell., 20' x 54', 613 Throop St.; cost, $2,500; Jacob Bostik, owner.

Two-st'y dwell., 22' x 30', 3112 Lake Park Ave.; cost, $2,500; F. C. Spaulding, owner.

C. Errickson, three-st'y additional story on building, 50' x 90', 1190 Milwaukee Ave.; cost, $11,000.

P. Ryan, two-st'y dwell., 22' x 40', Congress and Throop Sts.; cost, $4,000.

H. Bernstum, two-st'y dwell., 21' x 52', 215 Maxwell St.; cost, $3,500.

C. Heinon, two-st'y store and dwell., 24' x 60', cor. May and Twenty-first St.; cost, $3,400.

James Todd, two-st'y factory, 30' x 68', 133 Wabash St.; cost, $7,100.

H. D. Huntington, four st'y and basement store and dwell., 47' x 65', 407 and 409 Madison St.; cost, $24,000.

C. Debus, two-st'y and basement dwell., 21' x 46', 12 West Twelfth St.; cost, $5,000.

Mutual Life Ins. Co., additional on Matteson House, Wabash and Jackson Sts.; cost, $22,000.

P. J. Casper, three-st'y dwell., 24' x 70', 597 La Salle Ave.; cost, $5,500.

John Donnerbeck, two-st'y dwell., 22' x 48', 225 Larrabee St.; cost, $4,000.

E. Knesberg, two-st'y dwell, 28' x 61', 771 North Clarke St.; cost, $8,500.

Cincinnati.

Factory.—Messrs. Smith, Stoughen & Payne are to build a five-st'y brick shoe-factory on Pearl St., near Ludlow; cost, $18,000. Mr. G. Brink, architect.

Malt-House.—Mr. G. W. Rapp of Cincinnati has just completed plans f r a malt-house for Mr. Henry Adams, fitted with new improved kiln.

Houses.—Mr. Fred Vogeler is building a dwell. on McMillan St.; cost, $5,000; from plans by Mr. Rapp.

Mr. Oliver Kinsey is to build a double frame dwell. on Mt. Auburn; cost $10,000; Chas. Crapsey, architect.

Mr. Crapsey has also prepared plans for frame dwell. for Mr. Geo. A. Smith, to be built at Carthage; cost, about $4,000.

Messrs. Thos. Emery & Sons are to build 16 houses on Lock St. They will be cheap tenement-houses; cost, about $34,000; Mr. Samuel Hannaford, architect.

Builders' Exchange.—At the annual meeting of the Builders' Exchange, held March 6, the following officers were elected to serve during the ensuing year:—

President, Wm. H. Stewart; First Vice-President, Jas. C. Harwood; Second Vice-President, James H. Finnegan; Directors, J. M. Blair, W. H. Schuberth, M. B. Farrin, Charles Crapsey, S. L. Snodgrass, Jas. Dale, H. E. Holtzinger, H. B. Lucky, T. E. Livezey, R. B. More; Committee on Arbitration, J. H. Finnegan, Z. Getchel, Benj. Tappin, D. Flaherty, Saml. Dickson; Committee on Appeals, Geo. H. Taylor, Robt. Brown, L. H. McCommon, L. D. Ernert, Thos. Dillon, T. H. Curry, John Greenless, G. M. Clark. The new Board elected J. J. Pearce, Secretary, and W. H. Schuberth, Treasurer.

Building Permits.—Since our last report the following permits have been issued:—

W. C. Kennett, one-st'y brick dwell., cor. of Bank St. and Central Ave.; cost, $1,500.

Moritz Doob & Bro., five-st'y stone front store on Third St., near Race St.; Mr. E. Anderson, architect; cost, $15,000.

Nine permits for repairs; cost, $3,800.

Louisville, Ky.

Building Permits.—The following building permits have been issued since last report:—

D. Turner Anderson, brick dwell.; cost, $7,000;

C. D. Meyer, architect.

Zion Baptist Church, brick church; cost, $2,500.

Mrs. C. Henry Finck, brick dwell.; cost, $3,500.

H. T. Patrick, brick dwell. and store; cost, $2,200.

Jos. Gottreth, brick store; cost, $3,000.

Falls City Jeans and Woollen Co., brick woollen mill; cost, $15,000; D. J. Williams, architect.

E. Scheffer, brick store and dwell.; cost, $10,000.

E. Scheffer, brick chemical works; cost, $2,000.

John Schaefer, brick store; cost, $4,000.

Nathan Hofheimer, brick dwell.; cost, $20,000; C. A. Curtin, architect.

L. G. Crawford, brick dwell.; cost, $5,500; C. A. Curtin, architect.

W. R. Ray, brick dwell.; cost, $3,100.

Geo. H. Moore, brick offices; cost, $10,000; C. A. Curtin, architect.

Jos. Grossmann, brick dwell.; cost, $7,000.

New York.

Flats.—On Carmine St., a flat 25' x 65', five-st'y, is to be built for Mr. Van Wort, at a cost of about $20,000. It will be of brick, with stone finish.

Factory.—At the foot of Nineteenth St., East River, a factory, 60' x 75', is to be built for the United States Vulcanizing Wood & Lumber Co., from designs of Messrs. D. & J. Jardine.

Alterations.—The building on the cor. of Forty-Eighth St. and Sixth Ave., belonging to Mr. Jno. Slater, is to be altered and improved from designs of Mr. Jas. Stroud; cost, about $1,500.

Building Materials are firmly held at quotations; brick again show an advance, and Portland cement, owing to increased ocean freight, is commanding higher figures.

Market-House.—Mr. Douglas Smythe has prepared the plans for the new Jefferson Market, which will cost about $60,000. The fronts on Sixth and Greenwich Aves. will be of brick with terra-cotta finish. The building will be two-st'y. The upper floor is to be used for office purposes.

A Proposed New Building Law.—The Board of Fire Commissioners has ordered Inspector Esterbrook to prepare a new building-law bill, which he has done. He will transmit the same to the Legislature of this State for their action in a day or two. It provides for the erection of fire-escapes or means of egress on buildings now exempt, and for more efficient means of egress in public buildings. It regulates the construction of theatres to more effectually prevent the loss of life in case of a fire or panic. The bill provides that "the roof over the stage shall have skylights equal in area to one-quarter part of said roof and that the whole shall be constructed so as to open instantly in the case of cutting or burning of a hempen cord."

Wages.—A meeting of plasterers was held March 12, afternoon, at Central Hall, Seventh Ave., for the

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Entered at the Post-Office at

CONT

SUMMARY:—
The Pacific Mills Strike. —
workers' Strike at Pittsburg
France. — Elevated Railw
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Real-Estate Owners and
Sanitary Inspector. — The
The Competition for the Be
Poisoning.—Reported Disea
SKETCHES ON THE WING. . .
THE SEPARATE SYSTEM OF SEWE
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THE ILLUSTRATIONS:—
Our Foreign Exchanges. I
House at Dorchester, Mass
FOUNDATIONS. . . . . .
COMMUNICATIONS:—
The Death-Rate of Memphis.
—A Student's Query.— Eff
NOTES AND CLIPPINGS. . .

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March 25, 1882

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

254,861. Tool-Handle.—Thomas Bolton, San Francisco, Cal.

254,862. Chain-Wrench.—William H. Brock, Corona, N. Y.

254,868. Adjustable Mantel.—Robert H. Gudgeon, Winchester, County of Hants, England.

254,884. Ventilator.—James G. Pennycuick, Boston, Mass.

254,954. Machine for Sawing Off and Tenoning Piles.—Andrus L. Gilbert, Albany, N. Y.

254,955. Pile-Driver.—Andrus L. Gilbert, Albany, N. Y.

254,965. Window-Screen.—Henry C. Hart, Detroit, Mich.

254,981. Air-Cooling Apparatus.—Ralph S. Jennings, Baltimore, Md.

255,005. Sash-Fastener.—Ephraim S. Morton, Brockton, Mass.

255,016. Metallic Chimney-Cap.—Walter J. Pettingell, Lowell, Mass.

255,019. Apparatus for disinfecting Wastepipes.—Abram G. W. Rankin, Jersey City, N. J.

255,025. Method of Uniting Wood for Floorings, &c.—Charles E. Rider, Rochester, N. Y.

255,025. Sash-Holder.—James V. Risk, Point Pleasant, W. Va.

255,047. Fire-Extinguisher.—Charles W. Talcott, Woonsocket, R. I.

255,049. Elevator.—George C. Tewksbury, Lynn, Mass.

255,092. Tubular Well.—Ransom E. Strait, Galesburg, Mich.

SUMMARY OF THE WEEK.

Baltimore.

Building Permits.—Since our last report twenty-four permits have been granted, the more important being as follows:—

Peter Jensen, three-st'y brick building, s e cor. Patterson Park Ave. and Orleans St.

F. C. Fossett, 2 three-st'y brick buildings, s w cor. Belair Ave. and Washington St.

Henry Heatterick, two-st'y brick stable, in rear of s e corner Washington and Orleans Sts.

Leander Foreman, three-st'y brick buildings, Argyle Ave., commencing at n e cor. of Townsend St.

Leander Foreman, 4 three-st'y brick buildings, Mosher St., bet. Pennsylvania Ave. and Division St.

Geo. C. Hershman, 9 two-st'y brick buildings, Madeira Alley, bet. Gough and Bank Sts.

C. F. Richter, 2 three-st'y brick buildings, Lanvale St., commencing 90' w of Carey St.

John F. Raabe, three-st'y brick bank building, in rear of s w cor. Gay and Saratoga Sts., fronting on Saratoga St.

E. C. Jones, 4 three-st'y brick buildings, Fairmount Ave., commencing at n w cor. of Ann St.

Jacob Saum, 4 three-st'y brick buildings, Gilmor St. w of Presstman St.

Jacob Saum, 4 two-st'y brick buildings, Cole St., commencing at the corner of Vincent Alley.

J. B. Irvine, 6 three-st'y brick buildings, Mount St., bet. Harlem and Edmonson Aves.

George Pausch, three-st'y front building, 934 Baltimore St., bet. Gilmor and Mount Sts.

Louis Karlling, three st'y brick building, Parkin St., bet. Lombard and Pratt Sts.

Boston.

February Report.—During the month of February, the following permits were granted at the office of Inspector of Buildings. Brick, 4; wood, 32; wood special, 3; alterations, repairs, etc., 90; boilers and engines, 48; heating apparatus, 47.

Building Permits.—*Brick.*—4½ *to* 53 *Hereford St.*, Ward 11, for Geo. Wheatland, Jr., 5 dwells., 22' 3" x 42', three-st'y, mansard; Vinal & Dodge, builders.

Clarendon St., cor. Newbury, Ward 11, for Frank M. and Albert G. Frost, apartment-house, 30' x 90', six-st'y; Lanning & Driscoe, builders.

Wood.—697-699 *Dudley St.*, Ward 20, for Fred. W. Webster, store, 24' x 32'; Fred. W. Webster, builder.

Erie Ave., cor. Elmo St., for David Simonds, 2 dwells., 20' x 44', three st'y.

Terrace Ave., near Sheridan Ave., Ward 23, for Daniel Seaverns, dwell., 20' x 30'; ell, 15' x 18', two-st'y; J. Sullivan, builder.

Dale St., near Walnut Ave., Ward 21, for Wm. Donaldson, dwell., 21' x 30', two-st'y; ell, 14' x 16'; William Donaldson, builder.

West First St., rear, near Dorchester St., Ward 14, for New England Felt Roofing Company, storage building, 30' x 60'.

Bellevue St., near Trull St., Ward 24, for Wm. L. Harris, dwell., 25' and 31' x 34' 6"; ell, 17' x 20' 9", two-st'y, hip; J. French, builder.

Delle Ave., near Burney St., Ward 22, for Ellen Whelton, dwell., 22' x 31'; ell, 17' x 21', three-st'y; O. M. Ward, builder.

Grove St., near German St., Ward 23, for Jos. Kern, dwell., 21' x 28', two-st'y; John String, builder.

East Seventh St., near M St., Ward 14, for Wm. F. Eaton, 2 dwells., 19' x 32', two st'y mansard; Wm. F. Eaton, builder.

West Cottage St., rear, near Blue Hill Ave., Ward 20, for Amos D. Gould, stable, 26' x 28'; Amos D. Gould, builder.

East Ninth St., 593 *and* 595, Ward 14, for Alfred L. Bailey, 2 dwells., 19' 6" x 32', two-st'y mansard; ell, 14' x 18'; A. L. Bailey, builder.

West Sixth St., 42 *and* 44, Ward 13, for Michael Hickey, 2 dwells., 20' x 30', three-st'y; Wm. T. Eaton.

Centre St., cor. Burroughs St., Ward 23, for Benj. May, 2d, dwell. and store, 42' and 58' x 41' 6" and 36', three-st'y hip; John D. Rendall, builder.

Austin St., opposite Front St., Ward 5, for Fitchburg Railroad Co., lumber freight office, 15' and 55' 6" x 38', two-st'y; John T. Bagley, builder.

Marcella St., junction Centre St., Ward 21, for Horace R. Batchelder, dwell., 14' x 28', two-st'y; Henry F. Pierce, builder.

Brooklyn.

Building Permits.—*Hart St.*, s e cor. Stuyvesant Ave., two-st'y frame dwell.: cost, $6,000; owner and builder, John Rueger, 498 Broadway.

North Eighth St., n s, 100' from Second St., bet. First and Second Sts., three-st'y frame tenement; cost, $5,000; owner, P. Dailey, 8 North Sixth St.; architect, A. Herbert; builder, not selected.

Grand St., Nos. 651, 653, *and* 655, being 75' from Waterbury St., 4 two-st'y tenements; cost, total, $7,800; owner, Chester D. Burrows, 319 Ainslie St.; architect, O. H. Doolittle; builder, I. E. Burrows.

Sumner Ave., n w cor. Halsey St., 2 three-st'y brick stores and dwells.; cost, total, $16,500; owner, Henry Wessels, 12 First St.; architect, A. Herbert; builder, not selected.

Second St., n w corner North Eighth St., four-st'y brick store and tenement; cost, $10,000; owner, John Brady, North Eighth St.; architect, A. Herbert.

Roger Ave., n e cor. Park Pl., 7 three-st'y frame (corner) stores and dwells. and other dwells.; cost, $3,500; owners and builders, Peter McDonough and John Reilly, 139 Rogers Ave.

Ainslie St., No. 129, n s, 50' w Lorimer St., three-st'y frame tenement; cost, $2,700; owner, F. Grassmuck, 129 Ainslie St.; architect and carpenter, O. H. Doolittle; mason, I. E. Burrows.

Hamburgh St., n w cor. Magnolia St., 2 three-st'y frame stores and tenements; cost, each, $4,500; owner, architect, and mason, Albert Palmay, 402 Central Ave.; carpenter, A. Hofgesang.

Classon Ave., w s, 100' s Atlantic Ave., 2 two-st'y frame dwells.; cost, $2,500; owner, Jackson S. Schultz, 111 Cliff St., New York; architect and builder, James McKee.

Myrtle Ave., s s, junction Magnolia St., three-st'y brick store and tenement; cost, $9,000; owners, John Deterling and William Paulson, De Kalb and Tompkins Aves.; architect, S. W. Osman; builders, P. Carlin & Sons, and A. A. Reeve.

Hooper St., s s, 157' e Bedford Ave., 7 three-st'y brownstone dwells.: cost, total, $50,000; owner and carpenter, G. L. Sammis, 138 Penn St.

Van Dyke St., s e cor. Richard St., 2 three-st'y brick stores and dwells.; cost, each, $5,300; owner, Mrs. Ellen J. Robinson, Partition St., cor. Richard St.; architect and carpenter, George Damen; mason, P. McGuire.

First St., w s, bet. South Third and South Fourth Sts., two-st'y brick shop: cost, $5,000; owners, Havemeyer & Elder; architect, T. A. Havemeyer; builders, T. Winslow and J. E. James.

Classon Ave., e s, 145' n Lafayette Ave., three-st'y brick factory; cost, $6,000; owner, G. M. Eddy, Classon and Lafayette Aves.; architect, J. V. Smith.

Second St., w s, 25' s North Eleventh St., two-and-a-half-st'y frame glass house; cost, $2,400; owner, Andrew Strenger, 58 Troutman St.; architect, John Piatte.

Fifth Ave., w s, 25' s Sixteenth St., 2 two-st'y frame stores and dwells.: cost, $3,000 for both; owner and carpenter, James Carty, 578 Fifth Ave.

Huron St., n s, 175' e Manhattan Ave., two-st'y frame store-room, office and dwell.: cost, $2,200; owner, J. Van Iderstine, Blissville, L. I.; architect, Fred Weber; builders, D. H. Hulse and S. F. Bartlett.

Chicago.

Wages.—A general meeting of carpenters was held March 19, and it was decided to demand an advance in wages after the first of April from $2.75 to $3.00 per day.

Houses.—A residence for A. J. Kirkwood, on Oak and La Salle Sts., 78' x 60'. The entire front is of Indiana pressed and moulded brick with stone basement; Messrs. Burnham & Root, architects.

On Dearborn Ave., facing Lincoln Park are three houses each different in design, but forming a harmonious and picturesque whole, 111' front, by 80' deep, for S. E. Egan, Wm. Egan and H. H. Shufeldt, to be built of Philadelphia green stone throughout: the cost is $100,000; Messrs. Burnham & Root, architects.

Apartment-Houses.—On the cor. of Jackson and Paulina Sts., are to be built 18 apartment-houses, 100' x 112', for Mrs. E. H. Talbott, four-st'y Chicago pressed brick front and Berlin stone with stone basement, very elaborate: the cost will be $60,000.

Also 2 apartment-houses on Erie St., near Dearborn Ave., four-st'y, 51' x 63', for Mr. Levi W. Yaggy; cost, $60,000; Baltimore pressed brick and terra-cotta; Mr. L. G. Hallberg, architect.

Houses.—On the cor. of Warren Ave. and Oakley St. is to be erected a fine residence for Mr. John A. Roach, three-st'y, 28' x 72', very ornate front of Philadelphia brick and brownstone, to be finished throughout inhard wood; cost, $18,000. Also at 271 Huron St., 3 flats, for Mr. Chas. A. Winchell, 25' x 74', finished in hard wood: cost, $12,000; both from designs by Mr. Wm. Thomas, architect.

Building Permits.—S. H. Mellen, three-st'y factory, 36' x 60', 233 North May St.: cost, $4,500

Fieldhouse, Dutcher & Co., three st'y factory, 40' x 60', 30 and 32 West Monroe St.: cost, $5,000.

A. J. Kirkwood, two-st'y dwell., 28' x 61', 331 La Salle St.; cost, $10,000.

Geo. A. Seaverns, three-st'y flats, 60' x 100', 2209 Wabash Ave.; cost, $25,000.

M. E. Sands, 3 two st'y dwells., 53' x 60', 937 and 991 Jackson St.: cost, $11,000.

College of Physicians and Surgeons, stone basement, 70' x 100', cor. Harrison and Honore Sts.; cost, $2,600.

G. F. Hinckley & Co., one-st'y engine-room, 36' x 40', cor. Ullman and Thirty-seventh St.: cost, $3,000.

J. L. Beckwith, two-st'y flats, 26' x 31', 248 Park Ave.: cost, $6,000.

Yan Higgins, Furber & Co., 2 additional stories, 60' x 80', cor. Randolph and La Salle Sts.; cost, $25,000.

S. Caldwell, two-st'y dwell., 22' x 40', 196 Walnut St.; cost, $2,500.

Mrs. W. Collins, two st'y addition to dwell., 20' x 30', 398 Webster St.; cost, $2,500.

W. H. McMurray, two-st'y barn, 28' x 36', 1919 Prairie Ave.: cost, $6,500.

Geo. Cramer, two-st'y dwell., 22' x 60', 703 South Ashland Ave.: cost, $4,700.

A. E. Risser, three-st'y dwell. and barn, 30' x 60', 3250 South Park Ave.; cost, $10,000.

Theodore Sheldon, three-st'y flats, 24' x 70', 178 Cass St.: cost, $8,000.

Peter Muhendinger, three-st'y dwell., 25' x 68', cor. Oak and Pine Sts.: cost, $4,700.

D. W. Evrart, one-st'y foundry, 59' x 100', 11 to 13 Jefferson St.: cost, $5,000.

John Krassman, two-st'y dwell., 21' x 52', 414 Sedgwick St.; cost, $3,500.

New York.

Store.—On Sixth Ave., between Twentieth and Twenty-first St., Mr. Hugh O'Neill proposes to extend his store so as to have a frontage on the whole block; Mr. N. F. Barrett is the architect.

Brewery.—Messrs. Flanagan, Nay & Co. are to have an addition 50' x 112' built on their premises on Tenth Ave., between Twenty-fifth and Twenty-sixth Sts., at a cost of about $15,000. The front is to be of Columbaugh face brick with granite trimmings; Mr. Jos. M. Dunn is the architect.

Panorama-Building.—On the s e cor. of Fifty-ninth St. and Madison Ave. a panorama-building, 65' 10" in diameter, 25' 8" high is to be built for the Société du Panorama Nationale des Etats-Unis, at a cost of about $40,000; Mons. Humblet has com from Paris to superintend the construction.

Houses.—On the cor. of Seventy-second St. and Madison Ave. two residences are to be built for Mr. Chas. L. Tiffany, to cost about $250,000. The buildings will be of bluestone, 100' x 125', four-st'y with attic, and the architecture will be picturesque and unique. Messrs. McKim, Mead & White are the architects.

On Seventy-third St., between Ninth and Tenth Aves., 28 houses about 25' x 60' each, of brick with stone trimmings, four-st'y, are to be erected for Mr. Edward Clark, from designs of Mr. H. J. Hardenburgh.

On Eighty-seventh St. several dwells., 18' frontage, are to be built for the Rhinelander estate. They will be three and four-st'y, of brick with stone finish; Mr. Geo. M. Huss is the architect.

Alterations.—Messrs. Warren Fuller & Co.'s factory on Forty-second St. is to be materially enlarged at a cost of about $25,000, from designs of Messrs. D. & J. Hardine.

East Thirtieth St., No. 331, is to be altered from a residence to a flat, at a cost of about $5,000, from designs of Mr. Jos. M. Dunn, who has also prepared the plans for altering the building on the n e cor. of Third Ave. and Forty-seventh St., which with an addition will cost $60,000.

Labor Market.—The labor market is in an unsettled condition, and higher wages will be demanded. Masons talk of asking $4.50 per day, and some even mention $5. Carpenters, painters and plasterers are also uneasy.

Building Materials are firmly held at quotations. After May 1, a new exchange to be called the Building Material Exchange of the City of New York will be opened at No. 12 Dey St. The exchange has already a large and influential membership.

The New Opera-House.—In consequence of the great rise in the price of labor and materials, the directors of the New Metropolitan Opera-House Company, at their latest meeting, resolved to issue a circular to the stockholders asking them to choose one of three plans as follows: To sell the land acquired between Thirty-ninth and Fortieth Streets and Broadway and Seventh Avenue, and divide the loss, if any; to hold the land and let it lie unimproved until a more favorable time for building, or to push forward the work of building, and meet the increased cost by mortgaging the superfluous land at the corners of Broadway and Thirty-ninth and Fortieth Streets. Only one lot in the centre of the Broadway front is needed for the entrance of the opera-house. As it was not a part of the original plan to build upon the land on either side, this is available for mortgaging as suggested in the third proposition. A meeting of the stockholders will be held on the 27th instant, and definite action will be taken on the subject.

Painters' Wages.—A movement is making to bring about an increase of wages for painters, who at present receive $2.50 for eight hours' and $3.00 for ten hours' work. The increase demanded is 50 cents.

Building Permits.—*Third Ave.*, s e cor. One Hundred and Forty-sixth St., four-st'y brick store, tenement, and lodge-room: cost, $13,000; owner and builder, George Mand, Third Ave., s e cor. One Hundred and Forty-sixth St.; architect, Henry Pieringer.

One Hundred and Twenty-ninth St., n s, 350' e Eighth Ave., 4 three-st'y brownstone dwells.: cost, $12,000; owner, Richard H. Treacy, 1716 Madison Ave.; architect, J. H. Valentine; builder, R. H. Treacy.

One Hundred and Thirtieth St., n s, 300' w Sixth Ave., 2 four-st'y Connecticut brownstone apartment-houses; cost, each, $25,000; owner, Charles H. Fenton, 134 East One Hundred and Twenty-fourth St.; architect, Chas. Baxter.

Mangin St., No. 134, four-st'y brick saw-mill and

SUMMARY:—
A Suggested Injury to the Un
Jury and the old *World* H
Water-Front in the Hands o
ment in Montreal.—Labor
Remains in Portugal.—The
to Boston.—Celebration o
Harbor.—Initiation of Mr
Kaka. . . . . .
BUILDING SUPERINTENDENCE.—N
THE STABILITY OF LARGE CHIM
BUILDERS' SCAFFOLDING.—II. .
THE ILLUSTRATIONS:—
Bay and Oriel Windows.—D
Chimneys.—House at Wal
LEGAL NOTES AND CASES. . .
CHATS ON OLD OAK. . . . .
CEMENT-BETON AND ARTIFICIAL
BUILDING STONES.—IV. . . .
COMMUNICATIONS:—
Questions in Mensuration.—
folding.—Hardware Specif
NOTES AND CLIPPINGS. . . .

GENERAL MEIGS, who is accomplished engineer, has co at Washington against the de proposes to satisfy the wishes Congressional Library place halls of Congress by putting raising it fifty feet into the rooms beneath it. This assu before the members, attracte the Library finally requeste opinion as to its feasibility. a thorough examination of present dome, he had no h posed raising would be "a da prise," while even if it were injurious to the beauty of "nowhere is to be found a graceful composition as the raising of the dome would n central portico beyond the any oblique view, one of the size of the structure.

THE New York Grand J nesses regarding the fire in has decided not to indict t dence was brought before i for the calamity. In its the leakage of carbonic-oxi under the influence of the vicinity of higher buildings, of the floor, and finally, rea ing the fire in all direction jurors thought, could not be negligence, and finding that, in the building, there were t possible to reach the roof ladder, they did not feel th less an indictment for mansl provided further safeguards and although we hope that ure in a somewhat more su very well satisfied that he s tim of an inconsistent and i

A SINGULAR contest has weeks over an attempt of concert for a common end, t taking nearly the whole riv ken for their own purposes. the former city from their p and threatening some of th places, which now have a c from the deep water along

April 8, 1882

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BUILDING PATENTS.

[Printed specifications of any patents herementioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

255,436. Skylight. — Frederick H. Leadley, St. Louis, Mo.

255,437. Paper-Hanging or Wall-Paper.—Eduard Leissner, New York, N.Y.

255,453. Electric Annunciator.—Henry D. Porter, Chicago, Ill.

255,459. Screw. — Charles D. Rogers, Providence, R. I.

255,471. Cornice Hook or Bracket.—Charles D. Stone, Brooklyn, N. Y.

255,485. Water-Closet.—James D. Boyle, Brooklyn, N. Y.

255,489. Ice-Floor for Cold Storage-Houses.—Homer C. Cain, Cleveland, O.

255,511. Illuminating Grating.—Thaddeus Hyatt, Brooklyn, N. Y.

255,516. Inside Blind.—John Krehbiel, Lockport, N. Y.

255,535. Heating Bath-Tubs by Steam.—James Reilly, Brooklyn, N. Y.

255,538. Inside Blind.—Franz Rühr, Teplitz, Austria.

255,571. Spring Curtain-Roller. — George T. Bettencurt, Providence, R. I.

255,584. Fire-Escape Ladder.—Richard F. Bridewell, San Francisco, Cal.

255,590. Valve for Fire-Extinguishers.—Albert M. Burritt, Waterbury, Conn.

255,595. Construction of Buildings.—Andrew J. Chase, Boston, Mass.

255,606. Construction of Houses for Purposes of Ventilation, etc.—Peregrine G. Eaton, Springville, N. Y.

255,646. Self-Acting Elevator Safety Apparatus.—James McCarroll, New York, N. Y.

255,663. Automatic Hatchway-Door Operator.—John L. Peters, New York, N. Y.

255,681. Cement-Pipe Well.—George D. Pettingill, Asbury Park, N. J.

255,682. Valve for Water-Closets. — William Scott, Malden, Mass.

255,699. Blind-Slat Holder.—John S. Thompson, Brooklyn, N. Y.

255,700. Bench-Vise.—John Thomson, Brooklyn, N. Y.

255,721. Sash-Balance. — Frederic B. Cochran, Boston, Mass.

255,722. Burglar-Alarm. — George P. Conant, Geneva, Wis.

SUMMARY OF THE WEEK.

Baltimore.

Building Permits.—Since our last report 27 permits have been granted, of which the following are the more important:—

D. T. Haynes & Co., one-st'y brick building, 38' x 124' 6", s w cor. Nicholson and Decatur Sts.

C. A. Pindell and J. A. Frisby, 12 two-st'y brick buildings, 11' 6" x 26' each, Rutter Alley, bet. Lanvale and Dolphin Sts.

Walter W. Rowles, Jr., three-st'y brick building, Druid Hill Ave., n of Hoffman St.

Caroline Krouse, three-st'y brick building, Paca St., bet. Hamburg and Sterrett Sts.

Edw. Heffner, Jr., 2 three-st'y brick buildings n e cor. McKim and John Sts.

Wm. McCoy, 3 two-st'y brick buildings, Gilmor St., bet. Baker and Calhoun Sts.

Bartlett, Hayward & Co., one-st'y brick building, 60' x 242', s e cor. Bartlett and McHenry Sts.

Leopold and Bro., five-st'y brick warehouse, No. 334 Baltimore St., bet. Howard and Eutaw Sts.

E. Langhammer & Son, three-st'y brick warehouse, No. 350 Aliceanna St., bet. Chester and Boston Sts.

Boston.

Y. M. C. A. Building. — Work has begun on the Y. M. C. A. Building, at the corner of Boylston and Berkeley Sts.; Messrs. Sturgis & Brigham, architects.

Report for 1881.—The following items are taken from the recently published report of the Inspector of Building for the year 1881:—

Permits issued for brick, stone and iron buildings, 308; for wooden buildings, 787; and for additions, alterations and repairs, 2,485.

103 brick buildings were completed, and final reports made, at an estimated cost of $1,521,452; 300 wooden buildings completed at a cost of $686,613, and 1,957 completed alterations, etc., at a cost of $935,765.

Among the brick buildings erected there were 174 dwellings, 20 family hotels and stores, 1 banking institution, 20 mercantile, and 5 public buildings.

1872 violations of the statutes and ordinances were investigated and reported on.

1242 examinations were made on buildings with reference to their means of egress in case of fire or panic, and 108 fire-escapes were completed, at a cost of $10,284. 371 buildings were damaged by fire during the year, total loss by which was $132,653.

Building Permits. — *Brick.* — *Huntington Ave.*, Ward 11, for Frank W. and C. F. Kittredge, family hotel, 12' 6" and 68' x 102' and 122', five-st'y and mansard.

K St., near East Ninth St., Ward 14, for Edward S. Winchester, machine-shop, 70' x 200', and ell, 60' x 70'.

Wood. — *Bellevue St.*, near Columbia St., Ward 14, for Chas. A. Uppam, 2 dwells., 24' x 30'; ell, 15' x 20', two-st'y; Wm. Eadie, builder.

Putnam St., No. 69, Ward 1, for Cyrus H. Taggart, dwell., 20' x 30'; ell, 15' x 27', two-st'y mansard; Davis Davison, builder.

Sutherland Ave., rear, nearly opposite Miller St., Ward 5, for J. H. Pote & Co., blacksmith shop, 21' x 25'; Chas. B. Erskine.

O St., near East Broadway, Ward 14, for L. D. Robinson, dwell., 19' 6" x 31', two-st'y mansard; L. D. Robinson, builder.

O St., near East Broadway, for Chas. S. Judkins, dwell., 19' 6" x 31', two-st'y mansard; L. D. Robinson, builder.

C St., cor. Baxter St., Ward 13, for Thos. Kehoe, dwell., 21' x 35', three-st'y; Coveney & Hanlon, builders.

East Fourth St., Nos. 705 *and* 707, *and* 118 *and* 120 *Emerson St.*, Ward 14, for W. G. Doe, 2 dwells., 22' x 32', two st'y mansard; Wm. T. Eaton, builder.

Hudson St., near Clifton St., Ward 20, Lyman Titus, dwell., 23' x 48', two-st'y mansard; Lanning & Drisco, builders.

Harvard Ave., cor. Fairington Ave., Ward 25, for A. S. Richardson, dwell., 37' x 41'; ell, 21' x 32' 6", two-st'y; C. W. Bowers, builder.

Bird St., near Ceylon St., Ward 20, for John J. Merrill, dwell. and stores, 29' 6" x 35' 6" x 39' and 41' 6", three st'y; Noyes Bros., builders.

Tremont St., cor. Parker St., Ward 22, for P. T. Hanley, dwell., 38' x 38'; ell, 17' x 26', two-st'y mansard; Wm. Hunt, builder.

Rockview St., cor. Green St., Ward 23, for Dr. Elizabeth C. Keller, dwell., 40' x 45', two-st'y; John D. Wester, builder.

Southwood St., Ward 21, for J. C. and E. A. Loud, 2 dwells., 16' 6" x 50', three-st'y; John J. Murphy, builder.

Fuller St., rear, near Dorchester Ave., Ward 24, for Wm. H. Morrison, stable, 22' x 26'.

Euclid St., cor. Withington St., Ward 24, for Joseph M. Pike, dwell., 21' and 29' x 31', two-st'y; Chas. Stinson & Co.

Howland St., near Warren St., Ward 21, for S. S. Campbell, dwell., 23' 2" and 26' 2" x 42' 8", two-st'y.

Cabot St., Ward 19, for Wm. Gaston, 2 dwells., 23' 11" x 41' 11", three-st'y mansard.

Brooklyn.

Building Permits.—*Java St.*, n s, 225' w Manhattan Ave., two-st'y frame dwell.; cost, $4,000; owner, C. Murray, 19 Dupont St.; architect, James Mullhall; builder, John Fallon.

Oakland St., w s, 225' n Norman Ave., three-st'y frame tenement; cost, $3,300; owner, Louis Delte, Oakland St.; architect, Fred. Weber; builders, P. Newman and J. J. Randall.

Floyd St., No. 309, n s, 325' e Sumner Ave., three-st'y frame tenement; cost, $4,000; owner, Cath. Straub, 340 Floyd St.; architect and builder, Geo. Straub.

Willoughby Ave., s s, 340' e Nostrand Ave., 3 two-st'y brownstone dwells.; cost, $5,500 each; owner and carpenter, Arthur Taylor, 822 De Kalb Ave.

Belvidere St., No. 36, e s, 75' s Beaver St., two-st'y frame dwell.; cost, $3,000; owner, Julius Muth, cor. Siegel and Ewen Sts.; architect, Th. Engelhardt.

Second St., No. 431, w s, 50' n North Eighth St., three-st'y frame tenement; cost, $3,800; owner, Fr. Loeffel, 418 Second St.; architect, Th. Engelhardt.

Montrose Ave., s s, 100' e Lorimer St., three-st'y frame store and tenement; cost, $5,000; owner, F. Schumann; architect, J. Platte; builders, Wm. Dafeldecker and C. Weiber.

St. John's Pl., n e cor. Seventh Ave., one-st'y Martinville stone church; cost, $13,000; owner, Grace M. E. Church; architects, Parfitt Bros.; builder, T. W. Rollins.

Shirley Pl., n s, 90' e Seventh Ave., 3 three-st'y brownstone dwells.; cost, $19,000; owner, William Gubbins, 20 Seventh Ave.; architect, T. F. Houghton.

Berkeley Pl., n s, bet. Seventh and Eighth Ave., 6 three-st'y brownstone dwells.; owners and architects, J. Doherty & son, 280 Flatbush Ave.

Alterations.—*Myrtle Ave.*, junction Hamburg Ave., interior alterations; cost, $2,000; owner, Loftus Wood, Broadway; architect, W. B. Ditmars; builders, Geo. Hughes and C. L. Johnson.

Nassau St., No. 109, three-st'y brick extension; cost, $2,000; owner, Louis Fischer, on premises; architect, C. F. Eisenach; builders, O. Nolan and W. Zang.

Cincinnati.

Building Permits.—Since our last report the following building permits have been issued: —

Aug. Meinsmeyer, two-st'y brick dwell., s w cor. Ludlow and Nixon Sts.; cost, $5,000.

A. Levi, two-st'y stone front dwell., Eighth St., near Cutter; cost, $20,000.

D. Foster, addition to three-st'y brick dwell., 355 West Sixth St.; cost, $2,000.

E. L. Harper, addition to four-st'y brick dwell., 121 Race St.; cost, $5,000.

E. Kugeman, two-st'y brick dwell., Ohio Ave., near Calhoun St.; cost, $5,000.

12 permits for repairs; total cost, $3,300.

New York.

Church.—Messrs. D. & J. Jardine have prepared the plans for the Cornell Memorial Church, 70' x 100'. The church which is to be built of two kinds of stone is to be built on the n side of Seventy-sixth St., bet. Second and Third Aves. It will have no columns, the interior being arranged so that all seats shall have an uninterrupted view of the pulpit.

Office-Building.—Mr. Orlando B. Potter has decided to erect a lofty office-building on Park on the site of the recent disastrous fire; Messrs. Starkweather & Gibbs will be the architects.

Flats.—Mr. Benjamin F. Spink is to have built on the s side of One Hundred and Twenty-fifth St., 180' e of Fifth Ave., a four-st'y flat building, to cost $40,000. It will be 45' x 85', built of brick with stone trimmings; Messrs. D. & J. Jardine, are the architects.

Apartment-Houses.—A first-class apartment-house is to be built at the cor. of Broadway and Sixty-second Sts., from designs of Mr. Emile Grevé.

Mr. Mason is to have two apartment-houses, one 20' front, and one 30' front, built on Nineteenth St., near Third Ave. They will be five-st'y, the first floor to be brownstone, above brick, nearly brownstone finish; cost about $50,000; Mr. L. B. Wheeler, architect.

Hotel.—For Judge Hilton, a two-st'y brick hotel, 46' x 54', is to be built in the rear of Nos. 31 and 33 Lafayette Pl., at a cost of $15,000.

Alterations.—Alterations are to be made in St. Theresa's Church, at the cor. of Rutger, and Henry Sts.; the alterations are to cost $10,000, and to consist of lowering the basement, building of retaining walls, building foundations for marble altars, and entirely slating the roof of the structure; Mr. Laurence J. O'Connor is the architect.

No. 6 East Eighteenth St., is to have a story added at a cost of about $2,500; Mr. Chas. Yandell is the owner; Mr. James Stroud the architect.

Building Materials show no change; the demand is only moderate, but prices are firmly maintained.

Labor Market is very uneasy; the hod-carriers this week demanded $2.50 per day, which in some instances has already been allowed them.

Residences.—5 residences are to be erected on Thirty-sixth, bet. Lexington and Third Aves. They will be of brick with brownstone anish, four-st'y, with fronts varying from 17' to 23' and a uniform depth of 60'. The cost will be in the neighborhood of $90,000; Messrs. Chas. Buck & Co., architects and owners.

Warehouse.—A large tea warehouse is to be built on the cor. of Greenwich and Vesey Sts., from designs of Mr. Hugo Kafka.

Dwelling. — Mr. Wm. H. Vanderbilt has invited Messrs. D. M. Atwood, Carl Pfeiffer, Jas. Renwick and C. B. Snook, to prepare competitive plans for the residences he intends to build for his daughters on Fifth Ave. cor. Fifty-fourth St.

Building Permits.—*Greenwich St., No.* 164, cor. Cortlandt St., five-st'y store and lofts; cost, $15,000; owner, William Schermerhorn, 68 Wall St.; architect, H. J. Hardenbergh.

Baxter St., s w cor. Walker St., five-st'y brick store and tenement; cost, $10,000; lessee, Jacob Cohen, 100 Baxter St.; architect, Julius Boekell.

Baxter St., w s, 58' s Walker St., 3 five-st'y brick stores and tenements; cost, each, $8,500; lessee and architect, same as last.

Walker St., e s, 30' w Baxter St., four-st'y brick dwell.; cost, $5,000; lessee and architect, same as last.

Third Ave., n e cor. One Hundred and Ninth St., four-st'y brick store and tenement; cost, $12,000; owner and builder, John W. Warner, One Hundred and Sixth St., bet. Fifth Ave. and Madison Ave.; architect, Wm. Graul.

Third Ave., e s, 20' n One Hundred and Ninth St., 2 four-st'y brick stores and tenements; cost, each, $11,000; owner and builder, same as last.

Third Ave., e s, 75' n One Hundred and Ninth St., one-st'y store and tenement; cost, $11,000; owner and builder, John W. Warner, One Hundred and Sixth St., bet. Fifth and Madison Aves.; architect, Wm. Graul.

Seventh St., No. 208, five-st'y brick tenement; cost, $10,000; owner, Nathan Langschus, 208 Seventh St.; architect, F. W. Klemt.

Elizabeth St., No. 9, three-st'y brick factory; cost, $7,000; owners, Fowler & Rockwell; architects, Kerby & Archer.

Sixty-third St., n s, 75' w Fourth Ave., 7 four-st'y Connecticut brownstone dwells.; cost, each, $20,000; owner and builder, William H. Browning, 411 East Seventy-seventh St.; architects, Thom & Wilson.

Fifty-seventh St., s s, 150' e Second Ave., three-st'y brick tenement; cost, $15,000; owner, Mark Rinaldo, 220 East Thirty-third St.; architect, A. B. Ogden.

Seventy-seventh St., n s, 30' w Lexington Ave., three-st'y brick stable; cost, $8,000; owner, Daniel D. Brinkerhoff, 29 East Seventy-seventh St.; architect, A. B. Ogden.

Seventy-second St., n s, 300' e Second Ave., 2 five-st'y Connecticut brownstone apartment-houses; cost, each, $28,000; owner, Samuel Simmons, 13 Sheriff St; architect, Chas. Baxter.

Seventy-second St., n s, 369' e Second Ave., 2 five-st'y Connecticut brownstone apartment-houses; cost, each, $19,000; owner and architect, same as last.

Second Ave., n w cor. Seventy-third St., five-st'y Connecticut brownstone apartment-house; cost, $25,000; owner, A. H. Jonas, 13 Sheriff St.; architect, Chas. Baxter.

Seventy-third St., n s, 80' w Second Ave., five-st'y Connecticut brownstone apartment-houses; cost, $14,000; owner and architect, same as last.

Seventy-third St., n s, 105' w Second Ave., 10 five-st'y Connecticut brownstone apartment-houses; cost, each, $20,000; owner and architect, same as last.

Seventy-third St., n s, 355' w Second Ave., 2 five-st'y Connecticut brownstone apartment-houses; cost, each, $30,000; owner and architect, same as last.

Seventy-third St., n s, 415' w Second Ave., 2 five-st'y brownstone apartment-houses; cost, each, $20,000; owner and architect, same as last.

Seventy-second St., s s, 270' w Second Ave., 2 four-st'y Connecticut brownstone apartment-houses; cost, each, $18,000; owner, Samuel Simmons, 13 Sheriff St.; architect, Chas. Baxter.

One Hundred and Twentieth St., s s, 200' e Third Ave., 4 four-st'y brick tenements; cost, each, $12,000; owner, Laurence Wieher, 324 East One Hundred and Twenty-first St.; architect, Chas. Baxter.

One Hundred and Twenty-third St., s s, 185' e Second Ave., four-st'y brick apartment-house; cost, $25,000; owner, Patrick McCormick; architect, Chas. Baxter.

One Hundred and Twenty-eighth St., n s, 225' w Sixth Ave., three-st'y brick stable; cost, $30,000;

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April 15, 1882

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

255,773. Curtain-Bracket. — Horatio C. Clement, Albany, Ore.

255,783. Flue-Cap for Stove-Pipes. — Frederick E. Heinig, Louisville, Ky.

255,787. Planing-Machine for Planing Thin Pieces of Wood. — Wallace S. Holland, Burlington, Vt.

255,788. Door. — George W. Howell, Covington, Ky.

255,789. Paint-Burner. — Jos. Irving, Chicago, Ill.

255,809. Hinge. — Charles Pfauntz and Henry Franck, St. Louis, Mo.

255,816. Screw. — Charles D. Rogers, Providence, R. I.

255,836. Stove-Pipe Retainer. — Alfred O. Briggs, Columbia City, Ind.

255,844. Window-Shutter. — Caleb E. Garey, 2 & 4, New York, N. Y.

255,853. Wrench. — John C. Gunn, Knoxville, Tenn.

255,868. Opera-Chair. — Sidney N. Johnson and Augustus M. De Souchet, Indianapolis, Ind.

255,881. Faucet. — David Morrison, New York, N. Y.

255,884. Method of Measuring Heat supplied from Steam. — Eugene F. Osborne, St. Paul, Minn.

255,893. Door-Check. — William E. Sparks, New Britain, Conn.

255,895. Cold-Air Machine. — Henry F. Starbuck, Chicago, Ill.

255,914. Faucet. — Louis Bergen, New York, N. Y.

255,918. Faucet for Regulating the Overflow from Basins. — Francis A. Bishop, San Francisco, Cal.

255,933. Water-Closet. — William Bunting, Jr., Boston, Mass.

255,956. Artificial Stone. — George W. Chamberlin and Andrew S. Comerer, Sterling, Ill.

255,938. Spring-Hinge. — Charles B. Clark, Philadelphia, Pa.

255,956. Safety Device for Hoisting-Apparatus. — A. C. Ellithorpe, Chicago, Ill.

255,972. Mould for Making Tubular Bricks. — Adam Hahn, Keystone Junction, Pa.

255,975. Water-Closet. — Thomas Hanson, New York, N. Y.

255,991-992. Manufacture of Artificial Stone. — William H. Hoopes, Baltimore, Md.

256,004. Fire-Escape. — Joseph Kellner, Jersey City, N. J.

256,013. Automatic Safety-Brake for Elevators. — Christopher S. Longstreet, New York, N. Y.

256,021. Ventilator for Buildings. — John McDonough, Philadelphia, Pa.

256,045. Door-Check. — Israel P. Poulson, Greenfield, Ind.

256,062. Calipers. — Edward C. Smith, Brooklyn, N. Y.

256,683. Metal Roofing-Plate. — John Walter, Nashville, Tenn.

256,089. Heating-Apparatus. — Napoleon W. Williams, Philadelphia, Pa.

256,099. Pneumatic Elevator. — Chas. E. Buell, New Haven, Conn.

SUMMARY OF THE WEEK.

Baltimore.

Orphanage. — Christ Church Orphanage, North and Second Sts., 40' x 80', three-st'y and basement, brick and brownstone finish; Mr. Jno. J. Brown, builder; Messrs. Wyatt & Sperry, architects.

Car-Houses, etc. — Union Passenger Railway, car-house and stable, cor. Huntingdon Ave. and Oak St., 97' x 202', brick, one-st'y, to contain waiting and conductors' rooms, etc., and have capacity for 25 cars and 150 horses; Mr. E. F. Baldwin, architect.

Warehouses. — Mr. Chas. Markell, 2 five-st'y basement warehouses, on lot 52' x 78', Lombard St., e of Charles St. Main floor fronts to be of iron; balance of fronts pressed brick with bluestone and terra-cotta finish; cost, $25,000; Messrs. Hopkins & Marshall, builders; Mr. Thos. Dixon, architect.

Building Permits. — Since our last report twenty-seven permits have been granted, of which the following are the more important: —

E. L. Feldhaus, three-st'y brick building, No. 170 Mulberry St., bet. Pearl and Pine Sts.

Eastern Shore Steamboat Co., two-st'y brick building, foot of South St.

Orchard St. M. P. Church, brick church building, n w cor. Orchard St. and Elder Alley.

Jacob Heuster, three-st'y brick building, n w cor. Allegania St. and Rose Alley.

John Mehring, 2 three-st'y brick buildings, Fulton Ave., n of Lanvale St.

Wm. McLaughlin, 10 two-st'y brick buildings, Light St., commencing at n e cor. Wells St.

Samuel H. Tagart, three-st'y brick building, n e cor. Loudoun and Carey Sts.

Jacob Wahl, 3 three-st'y brick buildings, Jackson Square Ave., between Regester St. and Broadway.

J. S. Tucker, 15 three-st'y brick buildings, Mount St., between Mosher St. and Lafayette Ave.

W. M. Gesford, 4 two-st'y brick buildings, Vincent Alley, s of Lanvale St.

Abbott Land Company, 12 two-st'y brick buildings, Elliott St., between Canton Ave. and Hare St.

W. E. Hooper, four-st'y brick building, Wolf St., between Thomas and Fell Sts.

Robt. M. Denison, four-st'y brick building, 46' x 83', s e cor. East Falls Ave. and Pratt St., and one-st'y brick building, Pratt St., adjoining.

Boston.

Building Permits. — *Brick. — Summer St., Nos.* 169-171 *and* 173, Ward 12, for Samuel S. Constance, mercantile, 45' 7" x 74' 9", five-st'y; James Smith, builder.

N St., Nos. 141 *and* 143, Ward 14, for Henry B. Stratton, 2 dwells., 20' x 33', three-st'y; Henry B. Stratton, builder.

Chestnut Hill Ave., rear of, near Englewood Ave., Ward 25, for D. White, poultry-house, 10' x 100'; D. White, builder.

Newbury St., Nos. 262-264 *and* 266, Ward 11, for Silas W. Merrill, 3 dwells., 22' x 50', three-st'y and mansard; Silas W. Merrill, builder.

Commonwealth Ave., No. 177, Ward 11, for John Quincy Adams, dwell., 27' x 81', four-st'y and mansard; Webster & Dixon, builders.

Wood. — Waverley St., near Western Ave., Ward 25, for Valentine Eckert, dwell., 22' x 30', two-st'y.

Regent St., near Hurlbert St., Ward 21, for Michael Kelly, dwell., 25' 2" x 38' 2", two-st'y mansard; Jas. W. Lord, builder.

Albion St., near Clifton St., Ward 20, for Andrew F. McDermott, dwell., 24' 2' x 32' 2"; ell, 18' 8" x 20' 6", two-st'y.

River St., near Central St., Ward 24, for Daniel D. Scott, blacksmith shop, 24' x 31'; ell, 12' x 20'.

Centre Pl., Ward 23, for Chas. Perkins, dwell., 19' x 28', two-st'y; Wm. L. Sumner, builder.

West Sixth St., No. 128, Ward 13, for Patrick Brady, dwell., 20' x 30' three-st'y.

Avon St., rear, near Pond St., Ward 23, for James Glynn, stable, 32' x 32'. Joseph P. Straw, builder.

Lincoln St., near Rutherford Ave., Ward 4, for T. B. Morrill, 2 dwells., 23 4" x 30', three-st'y; Angus McInness, builder.

Lincoln St., cor. Rutherford Ave., Ward 4, for T. B. Morrill, dwell., 20' and 25' x 30', three-st'y; Angus McInness, builder.

River View St., near Huntoon St., Ward 24, for Geo. H. Cavanagh, dwell., two-st'y; Geo. H. Cavanagh, builder.

Rockview St., cor. Green St., Ward 23, for Elizabeth G. Keller, dwell., 40' x 49'; ell, 4' 4" x 20' 6", two-st'y; John D. Wester, builder.

West Cottage St., nearly opposite Woodville Sq., Ward 20, dwell. for Henry L. Clapp, 30' and 35' x 35'; Herman Drake, builder.

Edgewood St., No. 49, Ward 2, for Bernard Foley, dwell., 21' x 30'; ell, 20' x 21', two-st'y; Henry J. Bartlett, builder.

Edgewood St., No. 47, dwell., 20' x 30', two-st'y; Henry J. Bartlett, builder.

Sewall Pl., near Temple St., Ward 4, for C. W. Wellington, 2 dwells., 18' x 27', two-st'y; C. W. Wellington, builder.

East Fourth St., cor. P St., Ward 14, for Rev. J. J. Williams, hall, 50' x 90'; Eugene Sullivan, builder.

Cambridge St., near Harvard Ave., Ward 25, for John W. Hollis, 2 dwells., 20' x 30', three-st'y hip; J. A. Berry, builder.

Brooklyn.

Church. — Plans were filed at the Department of Buildings for another Catholic church to be erected in Montrose Ave., bet. Graham Ave. and Ewen St., on a site 88' x 172', and to cost $100,000.

Building Permits. — *Scheimerhorn St., No.* 129, n s, 63' w Smith St., three-st'y brownstone flat; cost, $6,500; owner, Geo. H. Messinger, 356 Henry St.; architect, W. B. Frankey; builder, John W. Neeley.

Fulton St., n s, 160' w Bedford Ave., 4 four-st'y brownstone flats; cost, $13,000 each; owner and builder, Albert Wilkinson, 333 Macon St.

Lincoln Pl., s s, 384' e Seventh Ave., three-st'y brick dwell.; cost, $10,000; owner and architect, J. S. Suydam, 156 Carroll St.; builders, E. P. Crane and Perkins & Green.

Bergen St., n s, 196' 6" e Vanderbilt Ave., three-st'y brick tenement; cost, $4,000; owner, Peter Keyes; architect, James J. Keyes; builder, John Say.

Greene Ave., n s, 115' e Franklin Ave., 6 three-st'y brownstone dwells.; cost, $8,000; owner and carpenter, J. H. Townsend, 60 Putnam Ave.

Atlantic Ave., s e cor. Columbia Pl. and Atlantic Ave., s s, extending from Prescott Pl. to Bancroft Pl., 26 two-st'y and basement frame dwells.; cost, $1,800 each; owner, Samuel S. Barrie, 938 Fulton St.; architect, B. T. Robbins; builder, C. P. Skelton.

Ainslie St., n s, about 200' e Union Ave., three-st'y frame tenement; cost, $5,000; owner, Mr. Doods, Ainslie St.; architect, Fred. Weber; builders, P. Newman and J. J. Randall.

Manhattan Ave., w s, 50' s Commercial St., three-st'y frame store and dwell.; cost, $3,500; owner, Charles Sebath, 611 Manhattan Ave.; architect, Fred. Weber; builders, James Rooney and Andrew J. Thile.

Boerum Pl., w s, abt. 50' n Atlantic Ave., four-st'y brick store and tenement; cost, $10,500; owner, E. S. Auchmuty; builders, H. D. & W. A. Southard.

Manjier St., n s, 50' e Waterbury St., three-st'y frame store and tenement; cost, $4,500; owner, Humes, Maujier St.; builders, Chris. Buckheit and A. Amann.

North Second St., s s, abt. 100' w Tenth St., rear, three-st'y brick shoe factory; owner, Mrs. Fransis Glisch; architect, F. F. Gaylor; builders, Matthew Smith and Henry Tietjen.

Harrison Ave., s e cor. Lynch St., three-st'y frame store and tenement; cost, $6,000; owner, Alois Harbich, Graham Ave., cor. Scholes St.; architect, Th. Engelhardt; builders, Wm. Dafeldecker and Jas. Frisse.

Atlantic Ave., n s, 180' w New York Ave., two-st'y brick stable; cost, $3,000; owner, J. R. Wood; builders, W. Flewin and J. Dunn.

Broadway, w s, 31' 5" s Park Ave.; 5 three-st'y frame stores and tenements; cost, $5,500 each; owner and carpenter, George Loeffler, 82 Tompkins Ave.

Powers St., Nos. 233 *and* 255, n s, 75' e Judge St., 2 three-st'y frame tenements; cost, $4,000 each; owner, M. Paulers, 255 Powers St.; architect, Geo. Hillenbraud; builders, Wm. Bayer and M. Metzen.

Chicago.

Houses. — On Maple St., near State St., 2 dwells., of brick, granite and terra-cotta, for Hon. E. B. Washburne, 48' x 78'; cost, $29,000; L. G. Hallberg, architect.

On Warren Ave., near Hoyne St., 2 houses of brick and stone finish, 27' x 60' each, one for Rev. H. W. Thomas, D. D., the other for Mr. McCourtie; cost, about $9,000 each.

On Ellis Ave., near Thirty-eighth St., a fine residence, 25' x 70', to cost $8,000; Mr. W. H. Drake, architect.

Flats. — On Ellis Ave., near Thirty-fifth St., first-class apartment-houses, six apartments, for Mr. E. Morrison, 66' x 66', of brick and stone; cost, $25,000.

On South Park Ave., near Thirty-fifth St., 2 three-st'y flats, 24' x 70' each; cost, $14,000; Mr. W. H. Drake, architect.

On Seeley Ave. and Madison, two-st'y flats, 27' x 65'; cost, $6,500; for Mr. John West. Also at same place, two-st'y flat, 24' x 60', for Mr. Thos Bent; cost, $4,500; Mr. J. W. Ackermann, architect.

Factory. — On Indiana and Market Sts., a factory, for Mr. Daniel Tubino, four-st'y and basement, 25' x 100'; cost, $15,000; Mr. J. W. Ackermann, architect.

Building Permits. — L. Kucera, two-st'y dwell., 22' x 56', 726 Loomis St.; cost, $4,000.

M. Vaseck, two-st'y dwell., 22' x 56', 86 Johnson St.; cost, $5,000.

A. Klines, three-st'y dwell. and store, 20' x 56', 437 Jefferson St.; cost, $5,000.

E. Aaronshaw, three-st'y flats, 30' x 74', 362 Ontario St.; cost, $20,000.

D. M. Schell, three-st'y store and dwell., 25' x 39', 239 State St.; cost, $3,000.

C. A. Winship, three-st'y and cellar flats, 22' x 62', 271 Huron St.; cost, $10,000.

L. L. Coburn, one-st'y store, 26' x 113', on Wabash Ave.; cost, $3,500.

C. W. Marks, four-st'y store, 25' x 90', 5 East Washington St.; cost, $4,000.

Jos. Kadic, two-st'y addition to dwell., 21' x 40', 72 Bunker St.; cost, $2,500.

John R. Dyson, two-st'y flats, 20' x 40', 23 Artisian Ave.; cost, $3,000.

H. Kasch, 2 two-st'y stores and dwells., 45' x 75', Twenty-first St. and Hayne Ave., cost, $9,000.

F. K. Hilger, two-st'y store, 46' x 110', Wabash and Adams Sts.; cost, $7,000.

G. Spencer, two-st'y dwell., 20' x 40', 298 Webster Ave.; cost, $3,500.

S. O. Egan, two-st'y dwell. and barn, 32' x 74', Dearborn and North Aves.; cost, $20,000.

H. H. Shaufeldt, two-st'y dwell., 38' x 72', Dearborn and North Ave.; cost, $25,000.

Mrs. M. A. Estey, 2 three-st'y dwells., 40' x 45', State and Schiller Sts.; cost, $9,000.

John Novatue, two-st'y store and dwell., 21' x 100', s w cor. Taroop and Eighteenth St.; cost, $7,400.

Levi Rosenfeldt, four-st'y stores and flats, 99' x 150', Washington and Halsted Sts.; cost, $90,000.

Cincinnati.

Strike. — The plasterers are out on a strike for $3.50 per day. About 150 men have quit work.

Building Laws. — The Builders' Exchange have appointed a committee to prepare a code of building laws to govern the erection of buildings in this city.

Morgue. — A tax levy of $10,000 for building a morgue has been assessed.

Building Permits. — Permits have been issued since our last report as follows: —

Chas. Urterhauser, two-st'y brick dwell., Vine St., near Charlton; cost, $3,500.

H. E. Sterns, three-st'y brick dwell., 412 West Ninth St.; cost, $7,000.

Cincinnati Baptist Church, s e cor. Dayton and Whitman Sts.; cost, $3,000.

B. Guttman, two-st'y brick dwell., 303 West Ninth St.; cost, $8,000.

Gambrinus Stock Co., brick stable, on Hunt St., near Broadway; cost, $5,000.

S. Richards, two-st'y frame dwell., McMillan St., near Kenton St.; cost, $2,300.

11 permits for repairs; cost, $3,000.

Total permits to date, 189.

Total cost to date, $456,240.

Kansas City, Mo.

Building Permits. — Ernest Zerhenter, No. 910 Mc-Gee St., two-st'y brick dwell., 34' x 50'; cost, $3,000.

W. Y. Carlton, No. 1220 Penn St., two-st'y brick dwell., 20' x 30'; cost, $2,500.

Robert Anderson, No. 1215 Penn St., two-st'y brick dwell., 21' x 55'; cost, $3,000.

H. Tobenor & Co., n e cor. Fifteenth and McGee Sts., repairs; cost, $3,500.

L. D. Clapp, on Grand Ave, one-st'y brick dwell., 24' x 80'; cost, $3,000.

P. E. Emery, on Wyandotte St., two-st'y brick dwell., 42' x 54'; cost, $5,500.

L. S. Mark, on Fourteenth St., two-st'y frame dwell., 16' x 40'; cost, $5,400.

W. S. Brown, on Lydia Ave., two-st'y frame dwell., 22' x 40; cost, $2,500.

E. F. Roden, on Walnut St., two st'y brick dwell., 40' x 65'; cost, $6,000.

J. H. Worth, on Lydia Ave., two-st'y frame dwell., 24' x 45'; cost, $6,000.

Louisville, Ky.

Building Permits. — The following building permits have been issued since last report: —

W. H. Bowling, brick store; cost, $10,000; C. J. Clark, architect.

J. M. Steinle, brick store; cost, $3,000.

The John N. Norton Memorial Infirmary, brick infirmary; cost $3,300; C. J. Clarke, architect.

Hale & Bro., brick dwell.; cost, $5,500.

Fred. Forcht, frame dwell.; cost, $2,350.

Peasley, Gaulbert & Co., brick warehouse; cost, $4,500.

SUMMARY: —
The New York *Times* on the
Mr. Philbrick and the Pr
cord, Mass. — Death of D
York Legislature and Un
New Caloric Engine. — C
Philadelphia. — The Tele
fulness of Secondary Batt
ties of the World. — Coal
A SPLENDID TRIP. . . . . .
THE WATER-COLOR EXHIBITION
THE ELEMENTS OF ETCHING. .
THE ILLUSTRATIONS: —
Memorial Chapel at Irvington
at Lyons, N. Y. — Scottis
N. Y. — House at Baltimo
LEGAL NOTES AND CASES. . .
CONSTRUCTIONAL AND DECORATI
THE INSURANCE OF WATER FIT
DISINFECTANTS. . . . . .
VENTILATION OF THE CHANNEL
COMMUNICATIONS: —
Sub-Surface Irrigation. — T
— A Tour for a Visiting A
tion. — The Entasis of Pil
NOTES AND CLIPPINGS. . . .

THE New York *Times* con
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MR. E. S. PHILBRICK h
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April 22, 1882

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

256,111. Elevator.—John B. Atwater, Chicago, Ill.

256,141. Sash-Fastener.—Alonzo Johnson, Springfield, Mass.

256,145. Burglar-Alarm.—Joseph V. Knight, Lynn, Mass.

256,194. Cap for Chimney Flues.—Ebenezer Blackman, Brooklyn, N. Y.

256,207. Fire-Escape.—George W. Gibbs, Salem, O.

256,217. Saw-Set.—Hiram H. Hitchcock, Ionia, Mich.

256,235. Wash-Bowl.—L. Hamilton McCormick, Chicago, Ill.

256,247. Parlor Door-Hanger.—Samuel Shreffer, Jr., Joliet, Ill.

256,274. Blind-Adjuster.—Orvel C. Yelie, Corning, N. Y.

256,293. Lock.—Harvey C. Aldrich, Norwich, Conn.

256,299. Automatic Storage Pressure Reservoir.—Richard R. Coggin, Brooklyn, N. Y.

256,306. Parquet-Floor.—Robert W. Eltzner, New York, N. Y.

256,317. Fire-Escape.—John Harrison and Michael Folliard, Brooklyn, N. Y.

256,321. Burglar-Alarm.—William B. Howell, Albany, Mo.

256,327. Step-Ladder.—Russell F. Jones, Forestville, N. Y.

256,336. Step-Cover.—William E. Lawrence, New York, N. Y.

256,337. Wood-Boring Machine.—William E. Lawrence, New York, N. Y.

256,345. Heater.—James H Mackintosh, Paterson, N. J.

256,351. Ratchet Monkey-Wrench.—William F. McGregor, Chicago, Ill.

256,354. Safety Attachment for Elevators.—Chas. B. Morgan, Oakland, Cal.

256,361. Lock-Hinge.—Singeamer Needles, Sedalia, Mo.

256,368. Roofing Composition.—Gustav H. Pöschel, Union Hill, N. J.

256,371. Derrick.—Israel S. Reeves, New Orleans, La.

256,405. Hinge.—Alvah Sweetland, Syracuse, N.Y.

256,411. Parlor Heating-Stove.—George G. Thomas, Philadelphia, Pa.

256,415. Tile of Glass, Porcelain, etc., for Decorating Walls.—Elihu Vedder, New York, N. Y.

256,439. Destructible Shutter-Fastening.—Franz O. Matthiessen, Irvington, N. Y.

256,447. Fire-Escape Ladder.—Lorenzo D. B. Shaw, Revere, Mass.

256,448. Die-Stock.—Alfred J. Signor, Elkhart, Ind.

SUMMARY OF THE WEEK.

Baltimore.

Store Extension.—S. Dalsheimer and Bro., No. 55 North Eutaw St.; cost, $3,000; Mr. Wm. F. Weber, architect.

Store.—T. S. Bowen, three-st'y brick building, 17' x 68', Pratt St., near Washington St.; cost, $5,000; Mr. Wm. F. Weber, architect.

Building Permits.—Since our last report forty permits have been granted, of which the more important are as follows:—

Conrad Kraeter, two st'y brick stable, No. 67 Central Ave., n of Orleans St.

Baltimore Gas-Light Co., two-st'y brick building, 20' x 77', Holliday St., and one-st'y brick building, in rear of same.

D. Allers, one-st'y brick office, Barre St., w of Eutaw St.

Mary McNally, two-st'y brick building, No. 19 Hope St., bet. Lanvale and Townsend Sts.

B. F. Smith, 12 two-st'y brick buildings, Cooksie St., bet. Clement St. and Fort Ave.

Geo. W. Hopper, 2 two-st'y brick buildings, Vincent Alley, bet. Harlem Ave. and Lanvale St.

John Weber, three-st'y brick building, No. 2 Stockton St., n of Patterson Ave.

Chas. Branninger, one or two st'y brick building, No. 90 Eastern Ave., bet. Exeter and Canal Sts.

Patrick Pendergast, three-st'y brick building, West Falls Ave., n of Block St.

J. B. Irvine, 4 two-st'y brick buildings, and two-st'y brick shop, Vincent Alley, bet. Harlem and Edmondson Aves.

S. D. Price, 9 two-st'y brick buildings, rear of Ann St., bet. Biddle and John Sts.

Dr. Alfred Hughes, 3 two-st'y brick buildings, Moore Alley, bet. Pennsylvania and Druid Hill Aves.

G. D. Clark, Jr., 8 three-st'y brick buildings, commencing n e cor. Fulton and Harlem Aves., fronting on Fulton Ave.

G. D. Clark, Jr., 3 three-st'y brick buildings, Harlem Ave., commencing 95' e of Fulton Ave.

Chas. Markell, 2 five-st'y brick warehouses, Lombard St., e of Light St.

Benj. G. Buck, 12 three-st'y brick buildings, Lanvale St., bet. Mount St. and Bruce Alley, and 3 three-st'y brick buildings, Mount St., s of Lanvale St.

W. G. H. Gluck, three-st'y brick warehouse, Gay St., n of Jones Falls.

John Snyder, 5 two-st'y brick buildings, Patterson Park Ave., bet. Fayette St. and Fairmount Ave.

John F. Donnelly, three-st'y brick building, s w cor. Chase and Valley Sts.

Sommerwerk & Weighard, two-st'y brick building, Register St., bet. Eastern and Canton Aves., and 2 two-st'y brick buildings, in rear of above.

Consolidated Gas Co., two-st'y brick buildings, n e cor. Lancaster and Streeper Sts.

Jacob Oster & Son, 2 two-st'y brick buildings, Watson St., bet. Lloyd and Exeter Sts.

Boston.

Building Permits.—*Brick.*—*Hanover Ave., No.* 20, Ward 6, for Patrick Hession, dwell., 13' and 26' x 25' and 37', three-st'y; D. Sullivan & Son, builders.

Newburg St., near West Chester Park, Ward 11, for Walter Hunnewell, dwell. and stable, 25' x 80', two st'y; Rumery & Maxwell, builders.

Brimmer St., No. 17, Ward 9, for Robert Codman, dwell., 28' 6" x 65', three-st'y and mansard; Weston & Shepard, builders.

Lenox St., No. 94, Ward 19, for B. M. Cunningham, store, 12' x 20'.

Boylston St., cor. Berkeley St., Ward 11, for Boston Young Men's Christian Association, association building, 100' x 105', five-st'y; Chas. Dodge, builder.

Wood.—*Lamartine St.*, near Wyman St., Ward 23, for Joseph Griffin, dwell., 24' x 40', three-st'y, hip; Robert D. Ward, builder.

Kendricks St., rear, near Lake St., Ward 25, for J. A. Downing, poultry-house, 24' x 125'; John H. Lee, builder.

Centre St., rear No. 37, Ward 21, for Louis Prang & Co., storage, 20' x 22' and 40' x 50'; J. A. Sutherland, builder.

Parker St., Nos. 689-691, near Tremont St., Ward 22, for John Barnard, 2 dwells., 26' x 73, three-st'y; Robt. D. Ward, builder.

Wales St., rear, near Tremont St., Ward 22, for Cheever Newhall, stable, 22' x 38'.

Pearl St., rear No. 15, Ward 3, for Thomas Doane, dwell., 12' 6" x 25' and 35', three-st'y; C. B. Maynard, builder.

Knowlton St., No. 9, Ward 18, for Arthur H. O'Neill, dwell., 21' x 31', two-st'y, mansard; John Earley & Son, builders.

Taylor St., rear of, near Taylor Ave., Ward 20, for Henry L. Batchelder, dwell., 13' x 27' x 28', two-st'y; Frank H. Webster, builder.

Mt. Bowdoin Ave., near Eldon St., Ward 24, for Wm. Hunt, carpenter-shop, 17' x 36'; Wm. Hunt, builder.

Mercer St., No. 13, Ward 15, for Lyman Lock, dwell., 24' x 31', ell, 15' x 19', three st'y; Lyman Lock, builder.

Mercer St., Nos. 9 *and* 11, Ward 15, for Lyman Lock, 2 dwells., 25' x 31'; Lyman Lock, builder.

Lafayette St., rear, near Orient St., for Eliza Dunn, dwell., 11' x 18'; Wm. Dunn, builder.

Elm St., Orient Heights, for John Booth, dwell., 18' x 24', two st'y hip; G. W. Adams, builder.

Brookside Ave., rear of, Ward 23, for Cable Rubber Company, manufactory of rubber, 40' x 40'; Joseph P. Shaw, builder.

Everett St., near North Beacon St., Ward 25, for Thomas McNamara, dwell., 21' and 26' x 31', two-st'y; Donald M. O'Connell, builder.

Dorchester St., Nos. 392 *and* 394, Ward 16, for Mary E. Nolan, 2 dwells., 20' x 34', two-st'y mansard; D. L. Morrill, builder.

Dudley St., Nos. 735-737-739, Ward 20, for James Dolan, 3 stores, 18' x 45'; W. J. Jobling, builder.

Border St., Nos. 142-148, Ward 2, for Osborne Engine and Manufactory Co., mechanical, 50' x 70'; eils, 16' and 30' x 25' and 50', two-st'y, mansard.

Brooklyn.

Building Permits.—*Monroe St.*, s s, 300' w Marcy Ave., 10 two-st'y brownstone dwells.; cost, each, about $4,000; owner, architect and builder, F. C. Vrooman, 444 Gates Ave.

Rodney St., s s, about 115' w Lee Ave., three-st'y brick dwell.; cost, $14,000; owner, Frederick W. Wurster, First St., cor. South Sixth St.; architect, E. G. Gaylor; builders, W. & T. Lamb, Jr.

Lafayette Ave., n s, 494' e Nostrand Ave., 6 three-st'y frame dwells.; cost, $2,500; owner, D. MacKenzie, 647 Lafayette Ave.; builder, M. McCarty.

Palmetto St., n w cor. Wyckoff St., two-st'y frame office and dwell.; cost, $5,000; owner, Bushwick R. R. Co.; architect, R. B. Eastman; builders, James Ashfield & Son, and Long & Barnes.

Lynch St., n s, 114' e Harrison Ave., 4 three-st'y frame tenements; cost, $4,500; owner and carpenter, J. Bessert, Johnson Ave., near Union Ave.; architects, J. Platte and J. Auer.

Bergen St., No. 1119, n s, three-st'y brownstone dwell.; cost, about $9,000; owner, H. E. Jacob, 1117 Bergen St; architect, F. E. Lockwood; builder, F. D. Norris.

Hopkinson Ave., No. 137, e s, 25' n Hull St., two-st'y frame dwell.; cost, $2,100; owners, Konrad Arnold, 157 Hopkinson Ave.; builders, C. Barry and H. Jaeger.

Hudson Ave., No. 272, w s, 100' s Tillory St., two-st'y brick hide house and stable on second floor; cost, $6,000; owners, F. Hornby and F. A. Van Iderstine, on premises; architect, C. Werner; builders, R. Hudson and A. Balecher.

Lorimer St., e s, 100' n Nassau Ave., 4 three-st'y frame tenements; cost, each, $2,400; owner and carpenter, Samuel Self, 66 Newell St.; mason, I Reed.

Stagg St., s s, 325 West Waterbury St., 2 four-st'y frame tenements; cost, each, $5,000; owner, J. Timmes, Bushwick Ave., cor. Stagg St.; builder, J. Platte.

Varet St., s w cor. Bogart St., 2 three-st'y frame tenements; cost, 11,000; owner, Wm Hellmann, 16 Bogart St.; architect, Geo. Hillenbrand; builders, J. Schiereth and J. Rueger.

South Eleventh St., n s, about 100' e Second St., four-st'y brick tenement; cost, $8,500; owner, Claus Doscher, Ross St.; architect, E. F. Gaylor; builders, Thomas Gibbons and Samuel L. Hough.

Waverley Ave., e s, 300' n De Kalb Ave., two-st'y brick stable; cost, $2,600; owner, E. R. Robertson, 292 Washington Ave.; architect and carpenter, H. J. Smith; mason, J. J. Benton.

South Eleventh St., n s, about 129' e Second St., three-st'y brick stable and dwell.; cost, $9,000; owner, Claus Doscher, Ross St.; architect, E. F. Gaylor; builders, T. Gibbons and S. L. Hough.

Canton St., w s, about 70' s Park Ave., two-st'y brick stable; cost, $4,000; owner and architect, L. H. Smith, Park Ave., cor. Canton St.; builder, T. B. Ruran.

Spencer Pl., Nos. 20, 22 *and* 24, w s, 3 three-st'y brownstone dwells.; cost, each, $6,000; owner, William Westlake; architect, A. Hill; builder, B. Linaken.

Atlantic Ave., s s, 400' e Rochester Ave., two-st'y frame dwell.; cost, $2,000; owner and architect, G. R. Waldron, 2,71 Pacific St.

Third St., n e cor. South Ninth St., two-st'y brick stable; cost, $2,000; owner, B. H. Howell, South Ninth St.; architect, Th. Engelhardt.

Lefferts Pl., n s, 112' 10" e Classon Ave., 4 four-st'y brownstone dwells.; cost, each, $9,000; owner, architect and builder, J. A. Thomson, 300 Lexington Ave.

Quincy St., n s, 425 e Sumner Ave., 4 three-st'y brick tenements; cost, each, $5,500; owner, Jon. P. Hutson; architect and builder, F. Weeks.

Chicago.

Houses.—On North Franklin St., near Chicago Ave., Mr. Z. C. Peck will build 2 residences, 54' x 60', two-st'y and basement brick and stone, Elizabethan front; cost, $15,000; Mr. W. J. Brookes, architect.

Church.—Trinity Evangelical Lutheran Church will build a new stone church on La Salle and Elm Sts.; Mr. C. O. Hansen has been selected as the architect, and is now preparing plans for same.

Building Permits.—George Quicksons, two-st'y dwell., 20' x 42', 256 Sangamond St.; cost, $2,500.

W. D. Walker, two-st'y dwell., 31' x 44', Prairie Ave., near Twenty-eighth St.; cost, $6,000.

P. Coughlan, two-st'y store and dwell., 24' x 45', 3200 South Ashland St.; cost, $3,700.

W. Keefe, two-st'y dwell., 23' x 49', 383 Congress St.; cost, $4,000.

Henry Holman, three-st'y dwell., 21' 6" x 57', 163 Tremont St.; cost, $5,500.

Geo. A. Seaverns, four-st'y rear building, 106 Randolph St.; cost, $6,000.

Western Ave. Congregational Chapel, one-st'y church, 40' x 93', 1021-1023 West Polk St.; cost, $5,000.

Helene Thal, three-st'y dwell., 24' x 62', Wells and North Ave; cost, $5,000.

Wm. Schraeder, two-st'y dwell., 24' x 51', 617 North Ave.; cost, $3,000.

Chicago & W. I. R. R., one-st'y freight-house, 50' x 207', Fourth Ave. and Taylor St.; cost, $20,000.

M. Espert, three-st'y dwell., 41' x 46', 299 Twenty-ninth St.; cost, $12,000.

A. Bercher, three-st'y store and dwell., 25' x 73', 574 Sedgwick St.; cost, $7,000.

Chas. Moses, 2 two-st'y dwells., 33' x 46', 270 La Salle St.; cost, $7,000.

Thos. Nicholson, two-st'y dwell., 17' x 60', 3352 Vernon Ave.; cost, $4,000.

Louis Weick, three-st'y dwell., 21' x 56', Clark and Belden Ave.; cost, $6,000.

C. J. Hull, 4 two-st'y dwells., 48' x 50', 269-271 Forquar St.; cost, $12,000.

F. Flanders, two-st'y dwell., 22' x 48', Kemper St., near Orchard St.; cost, $2,700.

No change in quotations this week.

Detroit.

Building Permits.—124 permits have been granted since March 20, amounting to $176,745.

The following are those costing over $2,000.

J. A. Moeller, vinegar factory, Gratiot Ave.; cost, $5,000.

W. Barclay, frame dwell., Twenty-third St.; cost, $3,200.

Louis Geigle, frame dwell., Mt. Hope Ave.; cost, $3,100.

Armstrong & Co., frame store, No. 638 Beaubine St.; cost, $2,500.

Spitzley Bros., brick dwell. and store, 317 Antoine St.; cost, $15,000.

R. G. Heiner, frame dwell., Fourth St.; cost, $2,700.

I. C. Goodrich, frame dwell., No. 37 Myrtle St.; cost, $4,000.

Jos. Geelord, frame dwell., Mother St.; cost, $2,400.

D. H. Osgood, 2 frame dwells., Nos. 63 and 65 Fulton St.; cost, $4,200.

A. C. Varney, frame dwell., No. 33 Selden St.; cost, $2,600.

John Gibson, block of frame dwells., Eighth St.; cost, $8,000; also frame dwells. on Cherry St.; cost, $4,000.

A. Albrecht, brick dwell., No. 153 Columbia St.; cost, $3,000.

H. Carew, brick dwell., No. 185 Wight St.; cost, $3,300.

F. Lemhagon, 2 frame dwells., Nos. 164 and 166 McDougall Ave.; cost, $3,600.

C. W. Green, frame dwell., No. 590 Cass Ave.; cost, $2,300.

H. W. Halcomb, frame dwell., No. 439 Fourth St.; cost, $2,605.

A. Chapoton, Jr., addition to brick Safe Works, East Fort St.; cost, $10,000.

Perrin Bros. block of brick stores, Michigan Ave.; cost, $18,000; Henry Heck & Son, contractor; Carl Schmid, architect.

New York.

Apartment-Houses.—Mr. Geo. E. Harney is preparing plans for 3 apartment-houses to be built up town. He has also drawn the designs for the apartment-house No. 26 North Forty-seventh St. The walls of the present building will not be taken down.

Museum.—Mr. P. T. Barnum proposes to build a building for a permanent museum and family resort for entertainment as soon as he can secure a desirable site.

Continued on next page.

A MONUMENT is to be er
Colonel Robert G. Shaw, th
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of thirty thousand francs, w
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Some of the plans, as usual
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of these, shown by a large

April 29, 1882

BUILDING INTELLIGENCE.

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BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

256,432. Wood and Coal Elevator. — Geo. B. Allis, Little Rock, Ark.

256,456. Plastered Wall. — August H. Becker, St. Louis, Mo.

256,457. Earth-Auger. — William Brunner, North Lewisburg, Ohio.

256,462. — Ellipsograph. — Ezra E. Clark, Worcester, Mass.

256,478. Column, Shaft, Girder, Etc. — Henry J. Harrison, Liverpool, County of Lancaster, England.

256,480-481. Faucet. — John Howes, Worcester, Mass.

256,493. Saw-Handle Clamp. — William McNiece, Philadelphia, Pa.

256,500. Water-Closet. — Robert Reach, Washington, D. C.

256,510. Water-Faucet. — John Stephenson, Haverhill, Mass.

256,517. Elevator. — Stephen H. Thornton, Baltimore, Md.

256,511. Water-Closet. — August F. Blesch, Columbus, Ohio.

256,546. Wood-Screw Machine. — Asa S. Cook, Hartford, Conn.

256,549. Water-Closet and Garbage-Sink. — William H. Daniell, Pottsville, Pa.

256,557. Curtain-Fixture. — Hugh Farley, Philadelphia, Pa.

256,559. Adjustable Spring-Bolt. — Peter Forg, Somerville, Mass.

256,567-568. Mode of Incasing Knots or other Defects in Wood. — Britain Holmes, Buffalo, N. Y.

256,629. Combined Pencil-Point Protector and Twine-Cutter. — Cines W. Boman, New York, N. Y.

256,637. Sash-Holder. — James Campbell and Gibson Simonson, Harrison, O.

256,644. Window-Sash. — John F. Cox, Brooklyn, N. Y.

256,654. Combined Window-Cleaning Chair and Fire-Escape. — Anna Dormitzer, New York, N. Y.

256,665. Door-Lock and Latch. — Ole Flagstad, Hamar, Norway.

256,666. Gutter-Holder for Lathes. — Frederick N. Gardner, Hartford, Conn.

256,669. — Die and Die-Stock. — Jno. Gassman, Jackson, Mo.

256,702. Hydraulic and Pneumatic Elevator. — Geo. Johnson, Cincinnati, O., and Walter M. Bailey, New York, N. Y.

256,705. Water-Proof Paper-Hanging. — Chas. T. Kemmer, Cleveland, O.

256,731. Wash-Boiler Fountain. — Elie Pittet, East New York, N. Y.

256,736. Curtain-Fixture. — Wendell P. Putnam, Watertown, Mass.

SUMMARY OF THE WEEK.

Baltimore.

Building Permits. — Since our last report twenty-eight permits have been granted, of which the more important are as follows: —

George L. Krebs, 4 three-st'y brick buildings, Fayette St., between Caroline and Dallas Sts.

Henry Bogue, four-st'y brick warehouse, No. 63 Eutaw St., between Camden and Pratt Sts.

Walker Horse-Shoe Company, one-st'y brick building, 60' x 180', s w cor. Clagett and Allen Sts.

J. S. Bowen, three-st'y brick building, Pratt St., between Washington and Castle Sts.

Isaac Weinberg, 2 three-st'y brick buildings, Exeter St., between Hillen and Front Sts.

Woelk & Pierson, 4 two-st'y brick buildings, Hanover St., commencing 62' s of Fort Ave.

Sarah De Wolf, four-st'y brick warehouse, Gay St., cor. of Harrison St.

L. H. Robinson, 9 three-st'y brick buildings, Mount St., s of Lanvale St.

L. H. Robinson, 11 two-st'y brick buildings, Bruce Alley, s of Lanvale St.

John Shuffler, two-st'y brick building, rear of n e cor. Charles and Randall Sts.

Chas. C. Green & Gandy, two-st'y brick blacksmith shop, n e cor. Boston and Concord Sts.

A. Gottschalk, four-st'y brick warehouse, s w cor. Light and Balderston Sts.

Thos. E. Masson, 2 two-st'y brick buildings, Lombard St., s of Lloyd St.

Martin Mamell, 2 three-st'y brick buildings, Eastern Ave., s of Patterson Park Ave.

Geo. C. Hershman, 4 two-st'y brick buildings, Madeira Alley, n of Bank St.

Dr. E. D. Loughery, 2 two-st'y brick buildings, Gay St., n of the "Bridge."

Boston.

Quarterly Report. — The following table shows a comparison of the building permits granted for the three months ending April 1, for 1881 and 1882.

	1881.	1882.
Brick	49	40
Wood	88	164
Alterations, repairs etc.	503	398
Boilers, engines, etc.	125	110
Heating apparatus	42	101
Special (wood)	5	5
Total	767	803

Alteration. — The Lowell estate, on Park St., is to be altered into a store and office-building for Geo. A. Smith & Co.; cost, $12,000; Geo. H. Young, of Boston, architect.

Building Permits. — *Brick.* — *Allen St.*, Hospital Grounds, Ward 9, for Trustees Mass. Gen. Hospital Corporation, pavilion for nurses, 25' 6" x 155' and 32' 6", three-st'y; James Smith, builder.

Lafayette St., near Orient Ave., Ward 1, for Eliza Dunn, dwell., 16' x 23'; Wm. Dunn, builder.

Pearl St., cor. High and Wesley St., Ward 4, for Thomas Doane, family hotel and stores, 52' and 65' 6" x 74' 24" and 79', one-st'y and mansard; Weston & Shepard, builders.

Wellington St., Ward 18, for Thomas M. Stevens, family hotel, 38' and 43' x 63', four-st'y; Thos. M. Stevens, builder.

Bedford St., 29 and 31, *Harrison Ave.*, *Exeter Pl.* and *Chauncy St.*, 77 and 79, Ward 10, for Frederick L. Ames, Mercantile building, five-st'y; T. J. Whidden & Co., builders.

Wood. — *O St.*, Ward 14, for F. O. Clark and Wm. H. Lee, 4 dwells., 20' x 36', two-st'y; F. O. Clark and Wm. H. Lee, builders.

152-143 , Ward 2, for Osborn Engine and Manufacturing Co., mechanical, 50' x 70'; ells, 16' x 50' and 25' x 30', two-st'y mansard.

Oriole St., rear, near Wren St., Ward 23, for Charles M. Seaver, stable, 20' x 30'; T. Albert Orrall, builder.

Pleasant St., rear of, near Mayfield St., Ward 24, for Ezra H. Baker, green-house, 15' x 75'; McNeil Bros., builders.

Dale St., near Walnut Ave., Ward 21, for Wm. Donaldson, dwell., 21' x 30', two-st'y; Wm. Donaldson, builder.

Ocean St., near Roslin St., Ward 24, for D. Frank Hartford, dwell., 26' x 38', two-st'y, Noyes & Bros., builders.

Taylor Ave., near Taylor St., Ward 20, for Henry L. Batchelder, dwell., 18' x 21'; ell, 13' x 24', two-st'y; Frederick W. Webster, builder.

Train St., near Boutwell Ave., Ward 24, for Frank O. Nash, dwell., 37' and 39' x 43', two-st'y; Wm. G. Blazo, builder.

Bearse Ave., cor. Butler St., Ward 24, for Nicholas B. Soule, dwell., 21' x 28', two-st'y; Nicholas B. Soule, builder.

Lamartine St., rear of, near Spring Lane, Ward 23, for Martha Nelson, 2 dwells., 25' x 35', two-st'y; D. G. Drew, builder.

Boston St., near Dorset St., Ward 15, for Edward B. Clapp, dwell., 22' and 32' x 34', two-st'y; John Horsfield, builder.

Creighton St., rear of 5, Ward 22, for Michael Henler, dwell., 21' x 30', two-st'y; Andrew Cassidy, builder.

Brooklyn.

Building Permits. — *Leonard St.*, e s, 25' n Nassau Ave., one — frame tenement; cost, $4,000; owner, Mary Preston, extrx., Leonard St.; architect, Fred. Weber; builders, Pat. Newman and John Fallon.

Leonard St., e s, 50' n Nassau Ave., 3 two-st'y and basement frame dwells.; cost, $8,990; owner, Mary Preston, extrx., Leonard St.; architect, Fred. Weber; builders, Pat. Newman and John Fallon.

Madison St., s s, 100' e Bedford Ave., 2 three-st'y brownstone dwells.; cost, $4,500 each; owner and carpenter, John Hayes, 155 Stockton St.

Delavan St., s w cor. Richards St., three-st'y brick manufactory; cost, $9,000; owner, Chesbrough Manufacturing Co., 110 Front St., New York; architect, Augustus Hatfield; builders, P. Carlin & Son.

Cooper St., n w cor. Central Ave., two-st'y frame store and dwell.; cost, $3,200; owner, A. Krebs, Montrose Ave.; architect, George Hillenbraud; builders, W. Bayer and P. Schen.

Wyckoff Ave., n s, 23' w Palmetto St., two-st'y frame store and dwell.; cost, $4,500; owner, Frederic Cromwell, 188 Columbia Heights; architect, R. B. Eastman; builders, James Ashfield & Son and Long & Barnes.

Park Pl., n s, 125' w Franklin Ave., 2 three-st'y frame tenements; cost, $3,500 each; owner, Samuel Northbridge, Hoyt St.; architect and builder, Rulef Van Brunt.

Dean St., s s, 290' e Brooklyn Ave., three-st'y brick dwell.; cost, $7,500; owner, Francis Peck, Eighth St., near Broadway; architect and builder, James Lock.

Clinton Ave., n e cor. Willoughby Ave., five-st'y and basement Newark stone convent and chapel; cost, $25,000; owners, Sisters of the Visitation, on premises; architect, P. C. Keely; builders, McGivney & McLaughlin; also, foundation only for convent; cost, $7,500.

Hudson Ave., e s, 84' from De Kalb Ave., five-st'y brick stable and storehouse; cost, $7,000; owners, Johnstone Bros., Fulton St., near Bond St.; architect, W. J. Conway; builder, I. Brown.

Warren St., n s, 375' e Third Ave., 5 four-st'y brick flats; cost, $8,000 each; owner, J. W. Dearing, 424 Henry St.; architects, Parfitt Bros.; builder, G. B. Dearing.

Bushwick Ave., n e cor. McKibbin St., two-st'y brick rope factory; cost, $3,300; owners, W. Wall's Sons, Wall St.; architect and carpenter, S. M. Weeks; mason, Jas. Rodwell.

Waverley Ave., w s, 133' n Fulton St., 4 three-st'y and basement brownstone dwells.; cost, $8,000 each; owner, Isabella Gorden, 2 Willow St.; architect, R. Dixon; builder, John Gordon.

Humboldt St., w s, 25' s Cook St., three-st'y frame tenement; cost, $4,500; owner, Jos. Vath, Humboldt St.; builders, J. G. Hoepfer and George Heerlein.

Lafayette Ave., n s, 15' w Sumner Ave., 4 two-st'y frame dwells.; cost, total, $13,400; owners, Chas. and Isaac DeBevoise, 101 Debevoise Pl.; builders, S. J. Burrows and Marinus & Gill.

Decatur St., No. 276, s s, 175' w Olive St., three-st'y frame tenement; cost, $2,900; owner, Frank Morhardt, on premises; architect, Geo. Hillenbrand; builder, M. Metzen.

Bushwick Ave., w s, 25' from Grand St., three-st'y frame stores and tenements; owner, Henry Heinking, cor. Grand St. and Bushwick Ave.; architect, A. Herbert; mason, Jacob Rauth.

Alterations. — *Remsen St., No.* 132, one-st'y base brick extension; cost, $4,000; owner, Miss A. B. Cary; architect, H. R. Searls; builders, J. H. Stevenson and Morris & Selover.

John St., cor. Bridge St., two-st'y brick extension; cost, $3,000; owner, P. Cassidy, 1119 Madison Ave., New York; architect, M. J. Morrill; builders, Hart & Daly and J. Williamson.

Fulton St., Nos. 2, 4 *and* 6, one-st'y brick extension; cost, $2,500; owners, Jewell Mill Co., on premises; architect, H. S. Jewell; builder, Jas. Rodwell.

Herkimer St., No. 776, one-st'y frame extension; cost, $2,500; owners, German Reformed Church, near premises; architect, H. Yaeger, Jr.; builders, C. Baur and H. Yaeger.

Chicago.

Chamber of Commerce. — The Building Committee of the Board of Trade have at last made a selection from the designs submitted for the new Chamber of Commerce. The plan submitted by Mr. W. W. Boyington is the one adopted. We understand that quite a number of changes are to be made. The estimated cost will be $850,000.

Apartment-Houses. — Mr. Samuel Wheeler will build on the corner of Rush and Ohio Sts. a five-st'y building, 80' x 142', four flats in each story, twenty in all. The front will be of Philadelphia brick and Bedford stone finish; cost, $125,000.

Houses. — On Walton Pl., between State St. and Dearborn Ave., are to be erected 8 houses for Messrs. C. N. Fullerton, H. A. Huntington, W. S. North, A. F. Hatch, and O. F. Aldis, 127' front, of red pressed brick, iron and terra-cotta, harmonious in design but not identical; cost, $85,000; Messrs. Burnham & Root, architects.

Building Permits. — C. J. Hull, 4 two-st'y dwells., 48' x 50', 211-213 Taylor St.; cost, $8,000.

Potter Palmer, two-st'y cottages, 30' x 44', 2625-2715 State St.; cost, $3,000.

John Fischer, 2 three-st'y stores and dwells., 50' x 74', 3000 and 3002 Wentworth Ave.; cost, $12,000.

W. Earnest, basement, 20' x 34', 31 Thomas St.; cost, $5,000.

Hartman & Kabell, 3 three-st'y stores and dwells., 64' x 72', 958-962 North Clark St.; cost, $21,000.

W. J. & J. Rankin, two-st'y dwell., 23' x 54', 313 West Jackson St.; cost, $5,000.

Mrs. R. Schlotthan, three-st'y dwell., 56' x 92', 93 to 101 Lincoln Ave.; cost, $20,000.

Samuel S. Jewett, six-st'y store and warehouse, 97' x 263', N. W. Market and Monroe Sts.; cost, $160,000.

J. L. & F. W. Campbell, 8 two-st'y dwells., 21' x 36', De Kalb St.; cost, $20,000.

Geo. A. Seaverns, three-st'y flats, 80' x 89', Twenty-second and State Sts.; cost, $30,000.

C. J. Hull, 4 two-st'y dwells., 48' x 50', 1019-1021 Fulton St.; cost, $3,000.

B. Mandel, three-st'y flats, 25' x 65', 457 La Salle St.; cost, $7,000.

M. Hoffman, three-st'y flats, 25' x 65', 455 La Salle St.; cost, $7,000.

C. S. Epps, two-st'y addition to dwell., 20' x 36', 167 Cross St.; cost, $3,000.

J. West, two-st'y dwell., 24' x 64', Hoyne and Madison Sts.; cost, $6,000.

Phillip Straw, two-st'y dwell., 20' x 60', 673 Twenty-second St.; cost, $4,200.

Geist Bros., two-st'y addition to store, 20' x 65', 1813 State St.; cost, $3,000.

Cincinnati.

Strikes. — The plasterers are still out on a strike and it appears at present as though the differences between the parties interested are not likely soon to be accommodated. The bosses are determined "to fight it out if it takes all summer."

Although the carpenters' strike has not yet commenced (the 1st of May being the time set for the same), yet there is apprehended even more trouble than from that of the plasterers, as the bosses seem determined to settle once for all as to who is actually the "boss" of the carpenter business, and so lively times may be anticipated, and what between strikes and rumors of strikes and high prices, what might have been a very busy season will more than likely terminate in a very poor one, as we hear of a great deal of work being delayed, postponed, or altogether withdrawn; the owners awaiting seemingly a more convenient season.

Wages at present are: bri k-masons, $4.50; limestone masons, $3.00; carpenters, $2.50 to $2.75; plasterers, $2.50; plumbers, $3.00 to $3.50.

Prices. — The price of brick has lowered; common work can now be laid in the wall for $12 to $13 per M. Ordinary limestone work is about $4 per perch laid. Lumber-yard sizes, $20 per M. Finer grades of white pine are held as high as $50.

Although prices are very little if any higher than they were last year, yet they are fully forty per cent higher than two years ago.

Houses. — Mr. Jas. W. McLaughlin, architect, is preparing plans for a large stone dwell., for Matthew Addy, Esq., to be erected on East Walnut Hills; cost, about $40,000.

Mr. Jacob Burnet is building a stone house on Oak St., Walnut Hills, from plans prepared by W. W. Franklin, architect; W. H. Stewart's Sons, builders; cost, $18,000.

Mr. Geo. W. Rapp, architect, has let contracts for a brick dwell., for Edwin Alden, Esq., cor. of Chestnut St. and Gilbert Ave., Walnut Hills; cost, $9,500.

He has also for Mr. E. Kugeman, Ohio Ave., near Parker St.; cost, $10,000. He has also prepared plans for dwell., for Mr. Wm. Bodemer, on Findlay St., near Bay Miller St.; cost, $11,000.

Factory. — The Cincinnati Stamping Co. have let contracts for a new factory, five-st'y, 71' x 99', location s e cor. Pearl and Lawrence Sts.; cost, $25,000.

Opera-House. — Mr. David Sinton has purchased the Grand Opera-House, and it is rumored will remodel the interior and will endeavor to make it one of the best buildings of its kind in the country. The price paid was $200,000.

Kansas City, Mo.

Building Permits. — J. S. Chick, at No. 1314 East Eighth, St., two-st'y brick dwell., 20' x 35'; cost, $3,500.

W. P. Moores, at Nos. 1116 to 1120, 2 two-st'y brick dwells., 17' x 42' each; cost, $2,600.

Summary: —
The Action of the Grand Ju
— The Citizens' Sanitary
against the Ailantus Tree
Testing Fire-resisting Slu
on the Mississippi Rive
can Inland Sea. — M.
Arts. — Practical Applic
Building Superintendence. —
Builders' Scaffolding. — III
Foundations.
The Illustrations: —
Towers, Belfries and Spi
Quincy, Mass.
Legal Notes and Cases.
Stone-Dressing Machinery.
Notes on Building Woods.
Monthly Chronicle.
Communications: —
Builders' Scaffolding. — V
Colonel Shaw. — The Sp
Notes and Clippings.

Two grand juries, one in
delphia have recently been
cases where, presumably thr
kind, innocent persons had
burning buildings. The c
Grand Jury was that of O
the building on Grand Str
fell some months ago, cau
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received repeated notice of
but had allowed the warnin
the fatal catastrophe; and
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dismissing the complaint
indictment has been dropp
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Mills, which were burned
circumstances, and after
of indictment were found
slaughter in having caused
number of persons. The
ment of the jury will be a
it is the first of the kind
Of civil suits for damage
carelessness or negligence
nal aspect of the case is
found guilty, and condemn
by the statutes for his offe
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Pennsylvania court will h
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The Citizens' Sanitary
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day after day in the newsp
be little short of criminal,
society affords, however, a

May 6, 1882

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

256,816. Hinge. — John G. Beck, Meohanicsburg, Ill.

256,852. Paint-Distributor. — Abner Peeler, Fort Dodge, Iowa.

256,860. Portable Summer-House. — Netta G. Read, Evanston, Ill.

256,867. Wrench. — John Thomson, Brooklyn, N. Y.

256,874. Fire Escape. — Nicholas H. Borgfeldt, New York, N. Y.

256,882. Heating-Drum. — Charles H. Chapman, Joplin, Mo.

256,916. Art of Staining or Enamelling Glass, etc. — Sydney J. Newsham, New York, N. Y.

256,919. Chimney. — Jacob M. Patterson, Woodbury, N. J.

256,924. Door-Knob Alarm. — John Simon, New York, N. Y.

256,928. Door-Hanger. — Le Grand Terry, Dundee, N. Y.

256,981. Automatic Gate for Elevators. — James Cushing, Dubuque, Iowa.

256,990. Fire-Escape. — Frank P. Fish, New York, N. Y.

256,991. Lathe for Turning Polygonal Bodies. — John H. Fisher and Cassius Peck, New York, N. Y.

256,998. Extension-Leg for Scaffold-Supports. — Joseph Gorman, Elizabeth, N. J.

257,016. Platform-Elevator. — Thomas Keith, New York, N. Y.

257,022. Strap-Hinge. — William M. Kurtz, Columbus, Ohio.

257,041. Miter-Box or Gauge. — John J. Meyers, Buffalo, N. Y.

257,046. Well-Lining Apparatus. — Alfred W. Morgan, Indianapolis, Ind.

257,048. Sash-Fastener. — Daniel P. Morrell, South Norwalk, Conn.

257,081. Imitation of Marquetry by Painting. — William Schroeder, San Francisco, Cal.

257,107. Air-Flue Register. — Henry A. Tobey, Dayton, O.

257,141. Door-Bolt. — William B. Purves, Chicago, Ill.

257,142. Sash-Balance. — Thomas H. Bonham, Grand Rapids, Mich.

SUMMARY OF THE WEEK.

Baltimore.

Building Remodelled. — Janney estate, building n e cor. Holliday St. and Exchange Pl., converted into offices; cost, $8,000; Mr. Chas. L. Carson, architect; Messrs. Wm. Ferguson & Bro., contractors.

Warehouses. — Mr. Thos. H. Gaither, 2 six-st'y warehouses, in place of old buildings now being torn down, Nos. 269 and 271 West Baltimore St.; brick, stone, iron and terra-cotta will enter into the construction of the new buildings; Mr. Jackson C. Gott, architect; Mr. Henry C. Gilbaugh, builder.

Store and Hall-Building. — Mr. Moses Fox, three-st'y and mansard roof brick building, 25' x 60', to be built corner of Baltimore and Bond Sts., and consist of store, two halls, and photograph gallery; cost, $5,000; Mr. Geo. Archer, architect.

Building Permits. — Since our last report thirty-five permits have been granted, the more important of which are as follows: —

Geo. G. Siekel, three-st'y brick building, Holland St., e of Arlington St.

M. L. Strauss, two-st'y brick stable, in rear of No. 250 Eutaw St., between Henrietta and Montgomery Sts.

John A. Hammon, four-st'y brick warehouse, No. 46 Howard St., s of Lexington St.

John Allback, three-st'y brick building, Hull St., between Beacon and Marriott Sts.

Dr. Theo. C ok, two-st'y brick building, Charles St., 16' s of Randall St.

Mrs. G. H. William, 3 three-st'y brick buildings, Gittings St., commencing 100' w of Williams St.

Lewis C. Smith, 6 two-st'y brick buildings and 1 three-st'y brick building s e cor. Randall and Charles Sts.

A. D. Clemens, two-st'y brick shop, 16' x 70', North St., between Centre and Bath Sts.

Traders' National Bank, two-st'y and mansard roof brick bank-building, German St., between Calvert and Light Sts.

A Hillman, 3 two-st'y brick buildings, Chase St., between Ensor St and Harford Ave.

J. J. Abraham, 2 one-st'y brick sheds, on old Canton Marine Railway Co.'s property, s of Boston St.

John Ferber, three-st'y brick building, n w cor. North and Pleasant Sts.

Boston.

The Post-Office Extension. — The last stone has been laid in the construction of the post-office and sub-treasury building on Post-Office Square.

Y. M. C. A. Building. — $67,105 of the $70,000 asked for by the trustees of the Boston Young Men's Christian Union, for the enlargement of its building on Boylston Street, is announced by Hon. Otis Norcross, treasurer.

Building Permits. — *Brick. — Waverley St., No.* 71, Ward 21, for Robert B. and R. Wm. B. Williams & Hall, 3 dwells., 22' x 37', three-st'y.

Waverley St., No. 71, Ward 21, for James W. Newell, 6 dwells., 22' x 37', three-st'y.

Wood, — Maxwell St., near Milton Ave., Ward 24, for M. H. Jackson, dwell., 22' x 32'; ell, 15' x 18', two-st'y; M. H. Jackson, builder.

Market St., rear of, cor. Faneuil St., Ward 25, for Julius Picot, carriage-shed, 20' x 60'; Fogg & Watson, builders.

Milton Ave., cor. Rockwell St., Ward 24, for Hammond H. Haskell, dwell., 26' x 34', two-st'y; Ezra Heustis, builder.

East Sixth St., opposite Q St., Ward 14, for Geo. Grant, hotel and saloon, 40' x 60'; ell, 15' x 32', two-st'y; Fogg & Watson, builders.

Circuit St., near Summit St., Ward 21, for Orrin G Moear, 2 dwells., 15' and 20' x 37'; ell, 15' x 32', two-st'y; Wm. K. Hudson, builder.

Glenn St., rear, near Trull St., Ward 24, for Samuel Clapp, stable, 18' x 31'.

Thornley St., near Dorchester Ave., Ward 24, for Neil McNeil, dwell., 28' and 30' 2" x 34', two-st'y; McNeil Bros., builders.

North Beacon St., Ward 24, for Geo. W. Hollis, 4 dwells., 15' and 20' x 46', two-st'y; Jacob W. Berry, builder.

Unnamed St., from North Beacon St., Ward 25, for Geo. W. Hollis, 2 dwells., 13' and 20' x 46', two-st'y; Jacob W. Berry, builder.

West Seventh St., No. 76, Ward 13, for John Wartz, dwell., 21' x 33', three-st'y.

Baxter St., Nos. 393-399, for Samuel K. Williams Estate, 4 dwells., 18' x 34', two-st'y; J. T. Tighe, builder.

Erie Ave., near Merrill St., Ward 24, for Wm. H. Wallace, dwell., 29' x [illegible] two-st'y mansard; Wm. H. Wallace, builder.

Erie Ave., cor. Merrill St., Ward 24, for Wm. H. Wallace, dwell., 18' 6" and 24' x 42', two-st'y mansard; Wm. H. Wallace, builder.

Wyman St., near Curtis St., Ward 23, for Ernst L. Kreppel, dwell., 21' x 30', two-st'y; Jacob Luippold, builder.

Blue Hill Ave., cor. Southwood St., Ward 21, for J. C. and E. A. Lord, 2 dwells., 20' 2½" and 20' 6" x 52' 5", three-st'y; Adam Hohn, builder.

Brooklyn.

Building Permits. — *Walton St., No.* 106, s s, 225' w Throop Ave., three-st'y frame tenement; cost, $4,500; owner, Jacob Lies, 101 Walton St.; architect, Th. Engelhardt; builders, H. Grasman and D. Kreuder.

North Eighth St., n s, about 50' e Sixth St., one-st'y brick factory; cost $5,000; owners, Edgar Holliday's Sons, on premises; architect, E. F. Gaylor; mason, J. Roidwell.

Dikeman St. and Partition St., s and n s, 125' w Ferris St., two-st'y building for machine shop; cost, $15,000; owner, Lidgerwood Mfg. Co., 96 Liberty St., New York; architect, Q. V. Beekman; builders, P. Carlin & Son and Jas. Martin.

Seventeenth St., n s, 20' e Eighth Ave., three-st'y brick tenement; cost, $6,000; owner, architect and builder, Thos. Green, 195 Sixth Ave.

Oakland St., w s, 100' n Eagle St., three-st'y brick tenement; cost, $4,000; owner, —— Rieker, 4-6 Manhattan Ave.; architect, F. Weber; builders, M. Vogle and J. D Eggers.

Richards St., w s, 204' s Elizabeth St., 2 one-st'y brick storehouses; cost, each, $8,000; owners, Beard & Robinson, 140 Amity St.; builders, —— Bentzen and H. Turner.

Carroll St., Nos. 584 *and* 586, s s, about 320' w Fifth Ave., 2 three-st'y brick tenements; cost, each, $3,500; owner, E. S. Plant, on premises; architect, J. D. Hall; builder, R. F. Clayton.

Pulaski St., s s, 275' w Marcy Ave., 5 two-st'y and attic frame dwells.; cost, each, $4,000; owner and builder, Thos. E. Greenland; architect, I. D. Reynolds.

Floyd St., n s, 253' e Sumnor Ave., 2 three-st'y frame stores and tenements; cost, $4,000 each; owner, John Kramer, Floyd St., near Sumner Ave.; builder, John Rueger.

Twentieth St., n s, 80' w Seventh Ave., two-st'y frame dwell.; cost, $2,600; owner, Joseph Clark; architect, Thomas F. Houghton; builder, P. J. Carlin.

Java St., n s, 75' e Franklin St., 3 three-st'y brick dwells.; owner, G. J. Roberts, 157 Kent St.; architect, F. J. Evan.

McDonough St., n s, 250 w Reid Ave., 3 two-st'y and basement brown-tone dwells.; cost, $3,000 each; owner, R. H. Heasman, 904 Madison St.

Franklin Ave., e s, 131 n Butler St.; also, *Butler St.*, s e cor. Franklin Ave. (4 on Franklin Ave. and 10 on Butler St.), 14 three-st'y frame dwells.; cost, $2,000 each; owner, Em rson W. Perry; architect, Amzi Hill; builder, T. S. Denike.

Division Ave., s s, 106' 5" w Clymer St., three-st'y brick store and dwell.; cost, $8,000; owner, August Waeldin, Division Ave, opposite Fifth St.; architect, John Platte; builders, G. Lehrain and F. J. Berlenbach.

Monroe St., s s, 225' w Reid Ave., two-st'y and basement brick dwell.; cost, $2,500; owner, H. E. Miller, 72 Stanhope St.; architect and builder, Thos. Miller.

Third Ave., e s, 90' n Bergen St., one-st'y brick store-house for brewery; cost, $2,000; owner and builder, Long Island Brewery, 81 to 91 Third Ave.; architect, M. J. Morrill.

Alterations. — *Livingston St.*, s s, between Court St. and Borum Pl., 3 brick extensions; also, basement partitioned, etc.; cost, $15,000; owners, trustees Brooklyn Eye and Ear Hospital; architect, Henry Dudley; builder, P. Castner and Edwin Burnet; plumber, Jas. Powers.

Plymouth St., Nos. 250 *and* 252, brick rear foundation, etc.; cost, $2,000; owners and architects, Carty & Hooper, on premises; builder, E. S. Force.

Walker St., w s, 100' n Willoughby Ave., one-st'y brick extension; cost, $2,500; owners, Doty & McFarlan; builder, Jas. Look.

Chicago.

Library. — The corner-stone of the new Hammond Library which is to form a wing of the Chicago Theological Seminary, on the corner of Warren and Ashland Aves., was laid April 27.

Building Permits. — Alice M. Butterfield, three-st'y brick dwell., 23' x 64', 97 Elm St.; cost, $6,400.

James Frake, two-st'y and basement brick dwell., 45' x 62', 627 and 629 Fulton St.; cost, $10,000.

Walter Reeves, one-st'y brick cottage, 21' x 50', 577 West Harrison St.; cost, $2,100.

A. Holmgren, two-st'y brick dwell., 22' x 45', 53 Hurlbut St.; cost, $3,000.

Kent Bros., two additional stories, 45' x 80', 151 and 153 Monroe St.; cost, $12,000.

F. Albrecht, two-st'y and basement brick dwell., 21' x 54'; 129 DeKoven St.; cost, $3,700.

Steinmetz & Ellenberger, 2 two-st'y and basement brick dwells., 41' x 72'; S. Park Ave., near Thirty-second St.; cost, $13,000.

Klausner Bros., three-st'y and basement stores and dwells., 48' x 50', s w cor. Ogden Ave. and Harrison St.; cost, $11,000.

Z. C. Peck, two-st'y brick barn and milk depot, 26' x 52', 259 and 263 Franklin St.; W. J. Brookes, architect; cost, $2,500.

Maurice Einstein, two-st'y brick barn, 25' x 38', 1628 Prairie Ave.; cost, $3,000.

North Chicago City Railway Co., two-st'y brick barn, 100' x 200', Clybourn and Racine Aves.; cost, $30,000.

Chas. Roehl, one-st'y brick basement, 20' x 63', 772 West Lake St.; cost, $2,500.

A. F. Waite, 3 two-st'y cellar and attic brick dwells., 62' x 69', Astor St., n of Division St.; cost, $25,000.

Mrs. M. E. Quinn, two-st'y brick flats, 27' x 50', 411 Leavitt St.; cost, $5,500.

J. J. Clause, one-st'y and basement brick machine shop, 50' x 75', Market and Ontario Sts.; cost, $6,000.

W. A. Gibbs, two-st'y brick addition to dwell., 27' x 34', 43 Twenty-fourth St.; cost, $2,500.

Mrs. A. Kuehne, two-st'y brick dwell., 21' x 69', 3557 Vincennes Ave.; cost, $4,500.

J. M. Hutchinson, two-st'y brick dwell., 25' x 70', 547 West Jackson St.; cost, $6,500.

Chicago West Division Railway Co., two-st'y barn, 129' x 140', on Lumber St., near Johnson St.; cost, $18,000.

Ignatz Fakel, two-st'y brick dwell., 20' x 40', 527 Eighteenth St.; cost, $2,700.

A. S. Brown, one-st'y and basement brick cottage, 22' x 48', Maplewood Ave., near North Ave.; cost, $2,400.

J. Frick, three-st'y brick dwell., 23' x 57', 422 Oak St.; cost, $8,000.

Cincinnati.

Building Permits. — Since our last report the following building permits have been issued: —

F. Langdon, repair Second German M. E. Church, Everett St., near Linn St.; cost, $2,000.

H. Brokamp, two-st'y brick dwell., Liberty St., between John St. and Central Ave.; cost, $2,000.

J. W. Barton, addition to three-st'y brick dwell., Ohio Ave.; cost, $4,400.

Wm. Sparring, two-st'y frame dwell., 1838 Eastern Ave.; cost, $3,000.

A. Snelling, three-st'y brick dwell., 218 Clark St.; cost, $5,000.

St. Xavier's Catholic Church to rebuild, church recently destroyed by fire; Louis Picket, architect; cost, $60,000.

G. Stutzman, two-st'y frame dwell., Railroad Ave., near Main St.; cost, $2,300.

G. H. Hill, repair three-st'y brick dwell., 131 and 133 West Front St.; cost, $1,000.

J. Ali, three-st'y brick dwell., Hopkins St., between Central Ave. and John St.; cost, $6,500.

J. T. Jones, five-st'y brick printing-house, No. 51 Longworth St.; Charles Crapsey, architect; cost, $20,000.

G. T. Roberts, repair four-st'y brick dwell., cor. of Eighth and Race Sts.; cost, $6,500.

H. Michael, three-st'y brick dwell., McMacken Ave., near Walnut St.; cost, $4,500.

H. Wyman, three-st'y brick dwell., Cutter St., between Court and Clark Sts.; cost, $4,300.

Mills & Kline, 4 one-st'y frame dwells., Poplar St., near Western Ave.; cost, $2,400.

J. Lowman & Co., addition to four-st'y store, corner of Pearl and Race Sts.; cost, $3,000.

A. W. Anderson, three-st'y brick dwell., Richmond St., near Harriet St.; cost, $7,000.

Chas. M. Steele, 7 two-st'y frame dwells., Walker Mill Road; cost, $6,000.

P. S. Kivlahy, two-st'y frame dwells., 28 Baum St.; cost, $3,000.

Twenty-three permits for repairs, costing $10,800.

New York.

Hotel. — For Messrs. Robert & Ogden Goelet, plans have been drawn for a hotel, about 98' x 120', which they propose to build at the cor. of Broadway and Forty-third St. It is to be of brick with terra-cotta trimmings; architect, Mr. Hugo Kafka

Studio Building. — Mr. Rd. M. Hunt has drawn the plans for a three-st'y studio building, 25' x 92', to be erected at No. 9 West Forty-ninth St., for John Q. A. Ward, to cost $12,000.

Apartment-Houses. — Two apartment-houses, 40' x 90' each, are to be built on Sixtieth St., w of the Boulevard. The fronts will be of polished granite up to the second story; above will be brick, with polished granite and terra-cotta trimmings.

On Fifty-seventh St., between Fifth and Sixth Aves., seven-st'y apartment-house, 75' x 90', to be of brownstone, is to be built for Mr. Tallman, at a cost of about $200,000. The building will be fire-proof; Mr. H. J. Dudley is the architect.

Messrs. Field & Campbell have purchased a portion of the Gramercy Park Hotel property, and will alter it into French flats.

Hospital. — The St. Vincent's Hospital, owned by the Sisters of Charity, is to have a very extensive addition made on West Twelfth St., from designs of Mr. Wm. Shickel.

Church. — The Church of the Incarnation, on the

Summary: —
Industrial Cooperation in Fra
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The Society of American Ar
Sir Henry Cole.
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The Illustrations: —
House at Hillsboro, O. — Ho
Sketches. — Design for a
The Air Within our Houses.
The Scott Monument, Edinbu
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Communications: —
Tin-Encased Doors. — Book
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Notes and Clippings.

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ID CLIPPINGS.

The vote for maintaining royal pal- $203,000. This is quite independent

The artesian well at Calvary Ceme- d, has cost $60,000, is 800 feet deep, is unfit for use.

— The fire engine house in East New- e, a hook-and-ladder truck, two hose- e dwelling-houses, were burned last

MORIAL. — Long discussion of the Sir lymouth has ended in a final decision e it of bronze. Already a committee equired funds, but the Duke of Bed- d it an honor to be permitted to pre- t yet learned whether the town has is confidently believed that it will

s from Paris announce the death of ence. He entered into the construc- Versailles Railroad in 1841. He took erial navigation, and in 1852 attracted to employ steam as a motive power n in the Champ de Mars during the ascents organized in it by M. Giffard rs to Paris. He was also the inventor ile applinances in the mechanism of coration of the Legion of Honor in

ears ago there was strong ontcry in ection of the west, or main front, of learned that the suspension of the as supposed out of deference to the not longer continue. Fresh scaffold- the southernmost bays, and work is cannot be ascertained, as the author- n and will not permit any one to in- says a correspondent, "is calculated sions with regard to what is going suspicion that it is proposed to carry whole of the west front, which will t that is valuable in that wonderful se that the works in question are fabric conclusively refuted by — th Mr. George Street being fully ned the building and de- apprehension upon this score, and ns are as solid as when first con- d that the Cathedral of St. Mark's vered externally with a thin veneer has nothing to do with the stability g which it is proposed to renew."—

iety for the Preservation of Ancient from the Cavalier Paravicini, the n which he gives a list of the an- ich during the past year have been by an ignorant system of so-called eval towers of the Porta Ticinese of rebuilding them on a fresh site. as been moved from its original po- f the church — a position character- mbardic churches. It is now pro- e portico on the north side of St. hat it is not in keeping with the rest inator of which has received a gold the richly-colored brick and terra- razzie with complete new fronts of churches of St. Giovanni in Conca ed down, and it is now proposed to eronata, and St. Maurizio, with its the early Lombardic church of uilt, and its western façade replaced The fine terra-cotta mosaic pave- ch of the Certosa, near Pavia, has ing a new one of marble. The rich s of the façade have been painted has destroyed the sharpness of the washing over the walls of the cloist- bliterated all the remains of the old examples of the manner in which ir priceless relics of art in its vari- dwells upon the sad fact that it is on of Ancient Monuments and the een committing the worst acts of ficult or impossible for any private otests against such deeds. It is on English people to assist him in the and surely this appeal will not be men reflect how important is the cing suffered by the whole civilized history of art is cut away to feed or the greed of some contractor

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

257,145. Sash-Fastener.—Fred. E. Bailey, Manchester, N. H.

257,149. Derrick-Swinger. — Wallace C. Brown, Monson, Me.

257,153. Brick.—Joseph A. Dupuis, Montreal, Quebec, Canada.

257,182. Elevator.—William H. Patterson, Baltimore, Md.

257,183. Heating Apparatus. — John F. Pease, Syracuse, N. Y.

257,189. Sfay-Roller for Sliding Doors. -Elijah U. Scoville, Manlius, N. Y.

257,212. Saw Jointer and Gauge. — Milo Covel, Chicago, Ill.

257,226. Combined Step-Ladder and Window Scaffold.—Mary S. Kjellstrom, New York, N. Y.

257,232. Waste Compression-Cock.—Edward W. McCormick, New York, N. Y.

257,239. Process of Utilizing Spent Lime for Bricks and Tiles.—Ernest L. Lausome, San Francisco, Cal.

257,265. Spring-Hinge.—Ezra Ale, Altoona, Pa.

257,348. Adjustable Window-Screen.—Edwin L. Lloyd, Philadelphia, Pa.

257,356. Burglar-Alarm. — William D. Matney, Harvel, Ill.

257,366. Fire-Proof Tile Furring.—George M. Moulton and Ernest V. Johnson, Chicago, Ill.

257,369. Fireplace. — David B. Murdoch, Pittsburg, Pa.

257,373. Spring-Hinge.—Patrick K. O'Lally, Boston, Mass.

257,374. Boring-Machine.—Charles R. Otis, Yonkers, N. Y.

257,382. Sash-Holder.—Frederick W. Quitman, South Norwalk, Conn.

257,401. Sheave for Sliding Doors.—Isaac Somers, Detroit, Mich.

257,413. Dividers.—Morton Toubnin, Washington, D. C.

SUMMARY OF THE WEEK.

Baltimore.

Building Permits.—Since our last report thirty-nine permits have been issued, the more important being as follows: —

Catharine Murray, 2 three-st'y brick buildings, Howard St., between Park and Richmond.

Emmanuel M. E. Church, South, stone church building, southeast cor. North and Druid Hill Aves.

Andrew Hamilton, 3 three-sty brick buildings, southwest cor. Cumberland and Carey Sts.

Otto Goldbach, 2 three-st'y brick buildings, Bond St., between Gough and Bank Sts.

E. C. Jones, 4 two-st'y brick buildings, Ann St., north of Hampstead.

John Elgbert, two-sty brick building, Union Alley, between Central Ave. and Eden St.

D. Meleoff, three-st'y brick building, Chase St., east of Greenmount Ave.

Baltimore and Ohio R. R. Co., one-st'y brick shop, 70' x 300', at Mount Clare Depot.

Thomas Herring, 2 two-st'y brick buildings, southeast cor. McElderry St. and Duncan Alley

Nelker and Bro., two-st'y brick building, Union St., between Druid Hill and Pennsylvania Aves.

Wilson R. Troxell, three-st'y brick building, Park Ave., between Wilson and McMechen Sts.

Naomi E. Troxell, three-st'y brick building, Park Ave., between Wilson and McMechen Sts.

John J. Greer, three-st'y brick building, Park Ave., between Wilson and McMechen Sts.

Owen McKenna, 2 three-st'y brick buildings, McKim St., south of Chase.

Chas. F. Michelman, 2 two-st'y brick buildings, Burke St., north of Alleanna St.

Cross Street M. E. Church, stone church building, southeast cor. Fremont and Warner Sts.

National Grand Tabernacle, four-st'y brick building, Liberty St., south of Lombard.

Sarah J. Lemcke, three-st'y brick warehouse, Arch St., between Pine and Green.

George Appold, 3 three-st'y brick buildings, Harrison St., between Baltimore and Fayette.

Carpenters' Wages. — At a meeting held May 5th, the Carpenter's Union decided to make a demand for $2.50 a day, on and after May 8th. Journeymen now receive $2.25 per day.

Boston.

Building Permits.—*Brick.—Brighton St. Ave.*, Ward 8, for Chas. Roberts, 2 dwells., 17' x 32' 6", five-st'y; Wm. Smith, builder.

Wood.—Melville Ave., cor. Allston St., Ward 24, for H. B. Ahlen, Jr., 2 dwells., 27' 6" x 27' 6", two-st'y, hip; Chas. Stinson & Co., builders.

Jeffries St., near Summer St., Ward 2, for Henry B. Hill and Geo. Wright, stable and carriage-house, 30' x 45', two st'y; Isaac G. Coswell, builder.

K St., No. 14, Ward 12, for Lawrence O'Connor, dwell and store, 22' x 32', three-st'y; Wm. Peard, builder.

Dorset St., near Dorchester Ave., Ward 15, for Henry H. Hawley, dwell., 22' and 17' x 52', two-st'y; Wm. Eadie, builder.

Waverley St., near Western Ave., Ward 25, for Chas. Sanderson, dwell., 22' x 32', two-st'y; J. C. Wadleigh, builder.

Waverley St., near Market St., Ward 25, for Chas. Sanderson, dwell., 22' x 32', two st'y; J. C. Wadleigh, builder.

Mt. Bowdoin Ave., cor. Morton St., Ward 24, for Wm. Hailey, dwell., 26' and 31' x 36', two st'y hip; ell, 19' 6" x 26'; Wm. J. Jobling, builder.

River View St., rear, near Adams St., Ward 24, for Ella F. Lapham, dwell., 23' x 24'; Elisha W. Lapham, builder.

Train St., near Mill St., Ward 24, for Franklin King, dwell., 33' 5" x 35' 9", two-st'y; Edw. McKechnie, builder.

L St., near East Broadway, Ward 14, for Mary A. Veasey, dwell., 23' x 34', two-st'y mansard.

West Cottage St., near Woodville Sq., Ward 20, for Eben F. Brown, 4 dwells., 22' and 26' x 32'; ell, 18' x 18', two-st'y; Eben F. Brown, builder.

Waverley St., near Blue Hill Ave., Ward 21, for A. P. Clifford, 22' and 26' x 31', two-st'y; ell, 15' x 19', 3 dwells.; A. P. Clifford, builder.

East Fourth St., Nos. 833-835, for David A Dunbar, 2 dwells., 19' x 33', three-st'y; Richardson & Young, builders.

East Fourth St., Nos. 841-843, for David A. Dunbar, 2 dwells., 20' x 33', three-st'y; Richardson & Young, builders.

Brooklyn.

Academy of Music. — The Lee Avenue Baptist Church is to be altered into a place of amusement, and will be known as the Williamsburgh Academy of Music. It is to seat 2,000 people.

Building Permits.—*Montrose Ave.*, s s, 100' e Ewens St., New Jersey freestone church, cost, $120,000; owner, Church of Most Holy Trinity; architect, Wm. Schickel; builders, Power Bros. and — Berlenbach.

Floyd St., n s, 100' e Yates Ave., three st'y frame tenement; cost, $4,700; owner, Nicholaus Weisensee, Hopkins St. and Throop Ave.; builders, J. Fuchs and John Rueger.

Stuyvesant Ave., w s, 40' s Vernon Ave., two-st'y frame dwell.; cost, $3,000; owner, Richard Straubel, 500 Broadway; builders, John Fuchs and John Rueger.

Nostrand Ave., e s, 87' 9" from Carroll St., one-st'y frame car-house; cost, abt. $2,000; owner, New Williamsburgh and Flatbush R. R. Co.

President St., n s, 115' w Clinton St., 3 three-st'y brownstone dwells.; cost, abt. $6,500 each; owner, Julius Wadsworth; architect, etc., George Lowden; mason, J. J. Reynolds.

Fayette St., Nos. 16 *and* 18, s s, 150' e Broadway, 2 two-st'y frame dwells.; cost, $5,200; owner and carpenter, Th. Engelhardt, 14 Fayette St.; mason, U. Maurer.

Stagg St., s s, bet. Ewen St. and Graham Ave., 2 three-st'y frame stores and tenements; cost, $4,000 each; owner, Joseph Millman, Ewen St., cor. Stagg St.; architect, John Platte; builders, Jacob Rauth and Joseph Fresse.

Manjer St., n w cor. Agate St., two-st'y brick printing establishment; cost, $10,000; owner, Schmidt & Co., 21 Bowery, New York; architect, Th. Engelhardt; builders, John Schlereth and Emil C. Bauer.

Manjer St., n w cor. Agate St., two-st'y brick boiler-house; cost, $2,000; owner, Schmidt & Co., 21 Bowery, New York; architect, Th. Engelhardt; builders, John Schlereth and Emil C. Bauer.

Lincoln Pl., s s, 129' e Seventh Ave., 2 three-st'y and basement brownstone dwells.; cost, $8,000 each; owner and carpenter, William Flanagan, 46 Berkeley Pl.

Berkeley Pl., s s, 300' e Sixth Ave., 7 three st'y brownstone flats; cost, abt. $20,000 each; owner and builder, Thos. A. Brush, 155 Lafayette Ave.; architect, Fred E. Lockwood.

Stanhope St., n e cor. Central Ave., three st'y frame store and tenement; cost, $4,200; owner, Wm. Lindeman, Stanhope St.; architect, Geo. Hillenbrand; builders E. Perch and J. Seeger.

Melrose St., n s, 175' w Central Ave., two-st'y brick stable; cost, $4,000; owner, Leon Eppig; architect, Geo. Hillenbrand.

Melrose St., s s, 150' w Central Ave., three-st'y frame tenement; cost, $2,500; owner, Thomas Logan, 38 Melrose St.; architect, John Platte; builder, F. J. Berlenbach.

Atlantic Ave., s s, 32' w Utica Ave., 20 two-st'y frame dwells.; cost, abt $2,000 each; owner, Peter Sullivan, cor. Lewis Ave. and McDonough St.; architect, Amzi Hill; builder, Wm. S. Montgomery.

Clinton Ave., e s, 240' s De Kalb Ave., four-st'y brownstone dwell.; cost, $20,000; owner, A. G. Jennings, Park Ave. and Hall St.; architect C. L. Morse; builder, Owen Nolan.

Ewen St., s w cor. Skillman Ave., 4 three-st. tenements; cost, $2,000 each; owner and carpe. John Donoghue, 24 Jackson St.

South Eleventh St., s e cor. First St., one-st'y brick iron foundry; cost, $9,000; owners, Bell & Fyfe; architect, W. H. Gaylor; builder, A. Smith.

Alterations.—*Manhattan Ave., No.* 293, three-st'y frame extension, etc.; cost, $2,000; owner, John Keppel, 135 Newell St.; builder, Thomas Keppel.

Grand St., No. 37, interior and front alterations; cost, $2,000; owner, Adolph Loewenthal, 32 Grand St.; architect, Frank Holmberg; builder, John Cummisky.

Hont St., n e cor. Pacific St., one-and one half-st'y brick extension, also interior and front alterations; cost, $4,000; owner, James Downey; architect, M. Thomas; builder, F. P. Kelly.

Ninth St., s w cor. Fifth Ave., two-st'y brick extension; cost, $5,000; owners, McCormick & Murphy, on premises; builders, J. M. Brown and C. B. Sheldon.

Chicago.

Building Permits.—Dickinson & Reynolds, 5 three-st'y dwells., 49' x 96', La Salle and Goethe Sts.; cost, $36,000.

Frazer & Chalmers, four-st'y addition to factory, 30' x 146', 141 Fulton St.; cost, $8,500.

C. E. Robinson, four-st'y store and flats, 22' x 96', 529 Clark St.; cost, $8,000.

Dr. Morton, 2 additional stories, 18' x 80', 153 Clark St.; cost, $5,000.

Bruno & Goll, three-st'y dwell., 25' x 55', 12th and Ashland Ave.; cost, $12,000.

Union Club, three-st'y club-house, 80' x 81', Washington Place and Dearborn Ave.; cost, $100,000.

Chicago and Western Indiana R. R., two-st'y freight-house, Clark and Fourteenth St.; cost, $60,000.

Wm. Niemeyer, two-st'y carriage room, 17' x 60', 626 North Wells St.; cost, $3,000.

John Zell, two st'y dwell., 20' x 44', 51 Samuel St.; cost, $2,500.

F. H. Behmeyer, five-st'y warehouse, 60' x 100', 206 to 210 Michigan St.; cost, $20,000.

George A. Seaverns, four-st'y store and flats, 60' x 80', Wabash and 22d St.; cost, $20,000.

George A. Seaverns, 5 three-st'y stores and flats, 60' x 200'; Twenty-second St., near Wabash; cost, $40,000.

E. & W. Burke, 2 three-st'y stores and dwells., 48' x 60', Milwaukee and North Aves.; cost, $12,000.

M. D. Wells, two st'y stone dwell. and barn, 50' x 90', 2360 Michigan Ave.; cost, $125,000.

Kansas City, Mo.

Wages and Material.—Material is said to be more abundant than last year, and labor is easier to be had. Brick now can be put in the walls at from $8.50 to $9.00 per 1,000; lumber of ordinary dimensions is selling at $24.00 per M. and wages are no higher than last year. Lumber is about $3 higher and hardware a little higher.

Cathedral. — On Sunday, May 14th, the cornerstone of the new cathedral on Eleventh St. was laid.

Building Permits. — John J. Hogan, on Independence Ave., one-st'y frame, 40' x 80'; cost, $1,000.

R. M. Stewart, on Ninth St., two-st'y brick, 50' x 60'; cost, $6,000.

J. W. German, on Independence Ave., two-st'y brick, 18' x 40'; cost, $3,500.

John John, at No. 1426 Broadway, two st'y brick building, 20' x 50'; cost, $2,000.

F. F. Todd, on Holmes St., two-st'y brick building, 28' x 45'; cost, $3,100.

W. A. Sparks, on Grand Ave., two st'y brick building, 24' x 80'; cost, $5,000.

J. G. Biggs on Forest Ave., two-st'y brick, 19' x 44'; cost, $2,500.

J. H. Lipscomb on Charlotte St., two-st'y brick, 24' x 60'; cost, $3,000.

Jacob Dahl on West Ninth St., four-st'y brick, 300' x 600'; cost, $100,000.

Ben McLean on Tenth St., two-st'y brick, 48' x 100'; cost, $7,000.

Peter E. Emery on Wyandotte St., three-st'y brick, 42' x 53'; cost, $6,000.

Robert Adams on St. Louis Ave., two st'y brick, 64' x 70'; cost, $2,000.

Edward Ackerson on West Ninth St., three-st'y brick, 24' x 72'; cost, $5,000.

G. W. Strop on Ninth St., three-st'y brick, 26' x 47'; cost, $7,000.

New York.

Residences.—Mr. Wm. H. Vanderbilt has selected the designs of Mr. Chas. B. Atwood, for the houses he proposes to erect on Fifth Ave. and Fifty-fourth St.; Mr. J. B. Snook will be the constructive architect.

Chapel.—A memorial chapel and mission 66' 6" x 113', is to be built on the cor. of Avenue A and Tenth St., for St. Mark's Church. It is to be built of stone and will probably cost $100,000.

Building Permits.—*Seventy-fifth St.*, s s, 80' w Lexington Ave., two-st'y brick stable; cost, $2,000; owner, Wilhelm Pickhardt, 735 Madison Ave.; architect, Henry G. Harrison.

Eighth Ave., s w cor. One Hundred and Twenty-fourth St., four-st'y brick flat; cost, $20,000; owner, John McGarry, 583 Monroe St., Brooklyn; architect, R. Rosenstock.

Eighth Ave., w s, 25' s One Hundred and Twenty-fourth St., 3 four-st'y brick flats; cost, each, $15,000; owner and architect, same as last.

Avenue B, n w cor. Eighty-sixth St., 12 three-st'y brick dwells.; cost, each, from $7,000 to $9,000; owner, John C. Henderson, 109 and 111 Spring St.; architects, Lamb & Rich; builders, Robinson & Wallace and John J. Brown.

Sixty-first St., s w cor. Ninth Ave., five-st'y brick flat and stores; cost, $40,000; owner, John Maloy, 213 East Forty-ninth St.; architect, A. B. Ogden.

Sixty-first St., s s, 30' w Ninth Ave., 3 five-st'y brownstone front flats; cost, each, $40,000; owner and architect, same as last.

East Sixty-ninth St., No. 161, three-st'y stable and dwell.; cost, $16,000; owner, Harvey S. Ladew, 28 Spruce St.; architect, Chas. W. Romeyn; builders, J. & G. Rudell and Guy Culgin.

Washington St., Nos. 245 *and* 247, 2 five-st'y brick stores; cost, $15,000 each; owners, Mary R. Swan, and Serena Rhinelander; architects, Havilah M. Smith & Son.

Thirty-second St, n s, 225' e Eleventh Ave., two-st'y brick foundry building; cost, $5,000; owners, Ro. Beely & Co.; architects, Berger & Bayliss.

West Forty-fifth St., No. 544, two-st'y brick workshop; cost, $2,000; owner, Conrad Diehl, 504 West Thirty-sixth St.; architect, C. F. Ridder, Jr.; builder, J. Ruppert.

East One Hundred and Eighteenth St., No. 171, 10 two-st'y and basement brick dwells; cost, $9,000 each; owner and builder, Joseph E. McCormack, Sea Cliff; architects, Carter & Ferdon.

East One Hundred and Eighteenth St., No. 171, 41 two-st'y and basement brick dwells.; cost, $7,000 each; owner and builder and architects, same as last. (These two plans cover a plot of ground 107' x 150'.)

Courtland Ave., No. 783, two-st'y frame dwell.; cost, $2,500; owner, Charles Baenisch; builder, S. Kramer.

Manhattan Lane, No. 43, five-st'y brick store; cost, $8,000; owner, S. F. Shortland, 168 Wall St.; architect, John Mumford; builders, B. Gallagher and W. and T. Lamb, Jr.

One Hundred and Twenty-seventh St., n s, 225' w Seventh Ave., 3 three-st'y brick (brownstone front) dwells.; cost, total, $15,000; owner, Samuel O. Wright, 155 East One Hundred and Thirteenth St.; architects, Cleverdon & Putzel.

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257,460. BRICK-MACHINE. — Henry C. Barker, Sedalia, Mo.

257,463. LADDER. — William A. Boyl, Strathroy, Ontario, Can.

257,468. WRENCH. — Matthew E. Campfield, Cleveland, O.

257,503. WINDOW FRAME AND SASH. — Michael W. Mahar, Dayton, O.

257,505–506. REFRIGERATING BUILDINGS, CARS, VESSELS, AND OTHER STRUCTURES. — Francis M. McMillan and Henry C. Johnson, Washington, D. C.

257,510. COMPOSITION FOR PAINTS. — William R. Norris, Fort Ann, N. Y.

257,515. CARPENTER'S SQUARE. — Rufus Pope, Nobesville, Neb.

257,528. MAKING OF MOSAICS OF GLASS, PORCELAIN, OR STONE. — George Stanley, Boston, Mass.

257,538. FAUCET. — Charles Whittaker, Chicago, Ill.

257,548–549. AUTOMATIC FIRE-EXTINGUISHER. — Joseph R. Brown, Providence, R. I.

257,592–595. FIRE-ANNIHILATOR. — Isidor Kitsee, Cincinnati, O.

257,608. BRICK-MAKING MACHINE. — Stephen J. Plant, Yorkville, Ontario, Can.

257,616. METALLIC JOINT FOR FLEXIBLE ROOFING. — Frank E. Sagendorph, Cincinnati, O.

257,627. MORTAR-MIXING MACHINE. — Randall T. Van Valkenburg, Manchester, Mich.

257,637. WINDOW-FRAME POCKET. — Algernon S. Bangs, Augusta, Me.

257,650. APPARATUS FOR HEATING AIR AND WATER FOR BUILDINGS. — Alvia K. Brown, Newton, Io.

257,654. FIRE-EXTINGUISHER. — Albert M. Burritt, Waterbury, Conn.

257,663. FIRE-ESCAPE. — Patrick H. Costello, Boston, Mass.

257,665. BRICK-MACHINE. — John Creager, Cincinnati, O.

257,711. SHUTTER-WORKER. — Lafayette Huntoon, Natick, Mass.

257,713–715. ILLUMINATING GRATING OR VAULT-COVER. — Thaddeus Hyatt, New York, N. Y.

257,716. FIREPLACE OR STOVE. — Matthew Ingram, Manchester, County of Lancaster, England.

257,722. SASH-FASTENER. — Eleazer Kempshall, New Britain, Conn.

257,725. LATCH. — Thomas Lalor, Toronto, Ontario, Can.

257,729. MECHANICAL HEATING-APPARATUS. — Sylvester J. Linn, Mondamin, Iowa.

257,754. HYDRAULIC ELEVATOR. — Goldsbury H. Pond, New York, N. Y.

257,771. FUNNEL-BLOCK FOR PARTITIONS OF BUILDINGS. — Dennis Shea, Portsmouth, and Romanzo Trefethen, Dover, N. H.

257,781. FIRE-ESCAPE. — John E. O. Sullivan, Hopkinton, Mass.

257,822. ILLUMINATING-GRATING AND BUILDING LIGHTED THEREBY. — Thaddeus Hyatt, New York, N. Y.

257,824. SHUTTER-FASTENER. — Franz O. Matthiessen, Irvington, N. Y.

257,826. CURTAIN-FIXTURE. — James Andrew McCutchen, Pine Grove, Pa.

SUMMARY OF THE WEEK.

Baltimore.

DWELLINGS. — E. W. R. Troxell, Mrs. N. E. Troxell, and E. J. J. Greer, 3 houses, 20′ x 61′ each, Park Ave., near Wilson St., brick dwell., with Cheat River stone and terra-cotta trimmings; cost, about $6,000 each; Mr. Thos. Dixon, architect.

CHAPEL. — Brick chapel of the Church of the Redeemer (Episcopal), cor. John and Chester Sts., 26′ x 56′, one-st'y, seating capacity, 175; cost, about $2,000; Mr. Geo. Archer, architect.

BUILDING PERMITS. — Since our last report twenty-one permits have been granted, of which the following are the more important: —

Richard Smythe, two-st'y brick building, n w cor. Hudson and Dawson Sts.

Geo. Derr, two-st'y brick building, State St., n of Saratoga St.

A. Booth, D. D. Mallory & Co., one-st'y packing-house, n e cor. Lancaster and Wolf Sts.

David Street and John Spring, 2 three-st'y brick buildings, Chase St., e of Greenmount Ave.

J. B. Adt, one-st'y brick shed, Holliday St., between Pleasant and Saratoga Sts.

Cornelius Mullen, two-st'y brick stable, in rear of No. 96 Dolphin St., between John St. and Park Ave.

Boston.

BUILDING PERMITS. — *Brick. — Brighton St. Ave., No.* 1, Ward 8, for Charles Roberts, dwell., 17′ x 32′ 6″, five-st'y; Wm. Smith, builder.

Brighton St., No. 107, Ward 8, for Chas. Roberts, dwell., 17′ x 32′ 6″, five-st'y; Wm. Smith, builder.

Huntington Ave., Ward 11, for J. F. Mead, family hotel, "Oxford," 47′ 6″ x 110′ x 240′, five-st'y mansard; J. F. Mead, builder.

Newbury St., No. 295, for Wm. H. Talbot, dwell., 23′ x 57′, four-st'y and mansard.

Hampden St., No. 134, rear of, cor. Howard St., Ward 20, for Julia H. Dyer, boiler-house, 15′ x 32′; James Smith, builder.

Tremont St., Nos. 1429–31, Ward 22, for Francis G. Wood, dwell. and store, 20′ and 22′ x 45′, three-st'y; E. W. Sanborn, builder.

West Chester Park, cor. Newbury St., Ward 11, for Geo. Wheatland, Jr., stable, 80′ and 100′ x 118′, two-st'y mansard; Lanning & Driscoll, builders.

Tremont St., Nos. 1180 *and* 1182, Ward 19, for Wm. H. Wallace, dwell. and store, 28′ x 66′, four-st'y; Wm. H. Wallace, builder.

Tremont St., No. 1178, Ward 19, cor. Culvert St., store and mercantile, 24′ 6″ x 65′, four-st'y; Wm. H. Wallace, owner and builder.

Commonwealth Ave., cor. West Chester Park, Ward 11, for Oliver Ames, dwell., 52′ 6″ and 64′ 6″ x 95′ 4″, four-st'y mansard; Norcross Bros.

Commonwealth Ave., Ward 11, for F. P. Sprague, dwell., 30′ x 71′ 8″, four-st'y; Hez. McLaughlin, builder.

West. — Washington St., nearly opposite School St., Ward 24, for Roswell Gleason, dwell., 35′ 6″ x 39′ and 45′ 6″, two-st'y; J. H. Burt & Co., builders.

East Sixth St., cor. Q St., Ward 14, for James A. Jones, pavilion, 30′ x 30′; ell, 30′ x 30′, two-st'y; John Murphy, builder.

Savin St., near Blue Hill Ave., Ward 21, for Hugh Nawn, stable, 28′ x 80′; ell, 28′ x 30′, two-st'y; Hugh Nawn, builder.

Metropolitan Ave., near Poplar St., Ward 23, for Charles A. Anderson, dwell., 22′ and 32′ x 28′, two-st'y; Wm. R. Hudson, builder.

Washington St., cor. Beethoven St., Ward 23, for Francis W. Kittredge, dwell. and stores, 45′ and 47′ 6″ x 70′, two-st'y; Geo. D. Cox, builder.

M St., near East Second St., Ward 14, for Wm. T. Eaton, 2 dwells., 20′ x 32′, three-st'y hip; Wm. T. Eaton, builder.

East Fifth St., near N St., Ward 14, for Wm. G. Doe, 2 dwells., 20′ x 32′, three-st'y hip; Wm. T. Eaton, builder.

Dorchester Ave., No. 671, rear, Ward 15, for John Souther & Co., for Isaac Dunn, blacksmith shop, 32′ x 60′.

Shelton St., cor. Adams St., Ward 24, for Leonard Milton, greenhouse, 15′ x 101′ 6″; Michael Ryan, builder.

Dale Ave., near Rockland St., Ward 21, for Hattie R. Smith, 3 dwells., 22′ 2″ and 28′ 2″ x 34′; 3 dwells., 22′ 2″ x 30′ 2″, two-st'y; Wm. A. Smith, builder.

Dove St., near E St. and West First St., Ward 14, for Warren F. Hall, stable, 33′ x 72′; 2 ells, 22′ x 65′; David A. Berry, builder.

East Second St., near P St., Ward 14, South Boston R. R. Co., car-house, 79′ x 114′; Holbrook & Harlow, builders.

Brookside Ave., Ward 23, for Cable Rubber Co., manufactory, 40′ 8″ x 100′ 8″, two-st'y; manufactory, 40′ 8″ x 125′ 8″, one-st'y; Joseph P. Shaw, builder.

Central Ave., near Blue Hill Ave., Ward 24, for Highland St. R. R. Co., car-house, 56′ x 150′, one-st'y.

Smith St., No. 91, Ward 22, for Jeremiah J. Sullivan, dwell., 29′ x 31′, three-st'y hip; Samuel Rantin, builder.

East Fourth St., rear, near Q St., Ward 14, bathing-house, 5′ x 60′; Geo. H. Wolcutt, owner and builder.

Brooklyn.

BUILDING PERMITS. — *Spencer Pl.*, e s, 42′ s Hancock St., 4 three and four story brownstone dwells.; cost, $10,000; owner, J. C. Hoagland; architect, Amzi Hill; builder, E. B. Sturges.

Central Ave., w s, 25′ n Melrose St., two-st'y frame dwell.; cost, $2,000; owner, John Biggerman, cor. Central Ave. and Melrose St.; architect, John Platte; builders, Ulrich Maurer, Jr., and F. J. Berlenback.

Monroe St., n s, 300′ e Reid Ave., 5 two-st'y brick dwells.; cost, $2,800 each; owner, Patrick Barrett, 68 Underhill Ave.; architect, Charles B. Piper; builders, Wm. Whittier and Chas. B. Piper.

Van Brunt St., No. 115, between President and Union Sts., four-st'y brick store and dwell.; cost, $7,100; owner, Wm. Gohler, 791 Bergen St.; architects, etc., Girhson & Leibbrand.

Union St., s s, 125′ w Hicks St., four-st'y brick tenement; cost, $6,500; owner, Patrick Craddick, 135 Union St.; architect, M. J. Morrill; builder, Richard O'Shea.

Graham Ave., w s, 100′ n Moore St., three-st'y store and dwell.; cost, $4,450; owner, L. Geiser, cor. Seigel St. and Graham Ave.; architect, J. Platte; builder, John Rueger.

Newton Creek, Ave and Commercial Sts., one-st'y brick storehouse; cost, $5,500; owner and architect, Havermeyer Bros.; builders, J. W. Woodruff and J. James.

Furman St., to river, 440′ n Montague St., five-st'y brick warehouse; cost, $42,000; owner, Thos. and Samuel McLean, cor. Pierrepont and Hicks St.; builder, Thos. Stone.

Ninth St., s s, Seventh Ave., three-st'y brick dwell.; cost, $7,000; owner, Henry Lansdell, Ninth St. and Fifth Ave.

Lee Ave., n e cor. Penn St., 4 three and four st'y brownstone stores and dwells. and other dwells.; owner and builder, J. F. Ryan; architect, E. E. Gaylor.

Bushwick Ave., s w cor. Greene Ave., 10 two-st'y brick dwells.; cost, about $5,000 each; owner and builder, Thos. Donohue; architect, M. J. Morrill.

Fulton St., s s, 150′ w Ralph Ave., three-st'y frame store and tenement; cost, $4,000; owner, John Scholl, 1889 Fulton St.; builder, J. Pierning.

Elm Pl., Nos. 10 *and* 12, two-st'y Berlin stone and terra-cotta store and hall; cost, $13,000; owner, Geo. Figge, 10 Elm Pl.; architect, C. F. Eisenach; builders, T. Donlon and W. Zang.

Tenth St., n e cor. Seventh Ave., 14 three-st'y brownstone flats; cost, each, $6,500; owner, Daniel Doody.

Throop Ave., e s, 50′ s Ellery St., three-st'y frame store and tenement; cost, $4,000; owners and builders, C. and C. Dueriler, 179 Throop Ave.; architect, Wm. Mushke.

ALTERATIONS. — *Henry St., No.* 255, three-st'y brick extension; cost, $4,000; owner, J. S. Hollingshead, 255 Henry St.; architect, J. W. Ritch; builder, E. Smith.

First St., cor. South Sixth St., raised one st'y and repair damage by fire; cost, $10,000; owner, Pond's Extract Co.; builder, Jas. Rodwell.

Pier St., near State St., one-st'y frame extension; cost, $6,500; owner, Franklin Woodruff, 94 Remsen St.; architect and builder, Thomas Stone.

Willoughby St., n e cor. Jay St., two-st'y brick extension; cost, $5,000; owner, Wm. Rockwell, 92 First Pl.; builder, C. P. Skelton.

Chicago.

IN GENERAL. — Building operations in this city are very much crippled on account of the scarcity and high prices of brick. The old stock is nearly exhausted, and manufacturers will not start making because of the demands of the makers for higher wages. How long this state of things will continue depends on the ability of both parties to hold out.

BUILDING PERMITS. — Gottlieb Schlechl, three-st'y and basement brick store and dwell., 47′ x 69′, North Wells St. and Lincoln Ave.; cost, $14,000.

Wm. Burke, three-st'y store and dwell., 21′ x 60′, 510 Ogden Ave.; cost, $4,500.

Shimen & Kaiser, three-st'y brick dwell., 21′ x 52′, 225 Maxwell St.: cost, $3,500.

Victor Fiala, two-st'y and cellar brick dwell., 35′ x 49′, 139 and 141 Farquhar Sts.; cost, $4,000.

V. Klocan, two-st'y brick dwell., 21′ x 44′, 125 Farquhar St.; cost, $2,500.

Frank Kreicher, two-st'y brick dwell., 23′ x 52′, Ashland Ave., near Van Buren St.; cost, $2,700.

Jansen & Lindsten, three-st'y tailor shop, 40′ x 100′, Elm and Selah St.; cost, $7,000.

J. C. Otis, four-st'y factory, 50′ x 65′, 125 and 127 Indiana St.; cost, $9,500.

Jacob & G. C. Farst, 2 three-st'y brick dwells., 50′ x 65′, Congress and Ashland Ave.; cost, $16,000.

Lehigh Valley Coal Co., one-st'y brick office, 18′ x 32′, West Chicago Ave. and River; cost, $2,500.

Servite Sisters, 3 additional stories, 75′ x 100′, Van Buren St. and Albany Ave.; cost, $17,000.

Wm. Goldie, two-st'y and basement brick store and dwell., 86 Sherman St.; cost, $5,000.

Joseph Cats, two-st'y brick store and dwell., 24′ x 74′, Seventeenth and Hoyne Ave.; cost, $2,500.

C. J. Blomstrom, three-st'y and basement brick dwell., 25′ x 80′, No. 16 Hills St.; cost, $7,000.

R. Johnson, three-st'y and basement brick dwell., 25′ x 60′, No. 12 Hills St.; cost, $6,000.

A. McNally, 2 three-st'y brick dwells., 41′ x 47′, North Park and Garfield Ave.; cost, $15,000.

A. McNally, three-st'y and basement brick dwell., 45′ x 48′, North Park and Garfield Ave.; cost, $15,000.

A. V. & K. R. R. Becker, three-st'y and basement brick flats, 54′ x 50′, 764 and 768 Sedgwick Sts.; cost, $14,000.

E. S. Kirkland, four-st'y brick dwell., 20′ x 52′, No. 277 Huron St.; cost, $8,000.

M. Feigel, two-st'y brick store, 22′ x 100′, 692 West Seventeenth St.; cost, $3,000.

S. Beidlowsky, one-st'y brick store, 24′ x 77′, Paulina and Seventeenth Sts.; cost, $2,300.

Jos. Kenba, two-st'y and basement brick dwell., 22′ x 80′, Loomis, near Nineteenth Sts.; cost, $2,400.

L. W. Yaggy, four-st'y and basement brick flats, 51′ x 60′, 246 and 248 Erie St.; cost, $25,000.

E. and W. Burke, 2 three-st'y and basement stores and dwells., 48′ x 60′, Milwaukee and North Avenues; cost, $12,000.

M. D. Wells, two-st'y and basement stone dwell., 50′ x 90′, and two-st'y brick barn, 2552 and 2560 Michigan Ave.; cost, $125,000.

J. C. Helenkolz, two-st'y and cellar brick dwell., 25′ x 80′, 413 La Salle Ave.; cost, $12,000.

S. H. Wheeler, five-st'y and basement brick flats, 70′ x 147′, 79 to 91 Rusk St.; cost, $90,000.

Cincinnati.

STRIKES. — There is up to date (May 13) no change as regards the strikes. Both strikers and bosses seem determined to hold out to the last. There is and has been for about six weeks almost a complete lockout among the plasterers. Of the carpenters, about one-half are out, mostly among the outside hands. Most of the mill men are at work.

Among the tinners there seems to be a complete lockout, and no prospect of accommodating the differences.

BUILDING PERMITS. — Since the last report the following building permits have been issued: —

Chas. Kallendorf, two-st'y brick dwell., No. 60 Dudley St.; cost, $3,000.

E. B. Cassidy, repair three-st'y brick dwell., 165 Plum St.; cost, $3,000.

F. G. Huntington, repair four-st'y brick dwell., 173 Elm St.; cost, $4,000.

P. Carrigan, three-st'y brick dwell., 238 Pearl St.; cost, $2,000.

T. Coeller, three-st'y brick dwell., Hammond and Marshal Sts.; cost, $5,000.

V. Williams, repair one-st'y frame dwells., 70 West Sixth St.; cost, $2,000.

Benj. Hermann, repair three-st'y brick dwell., 61 Court St.; cost, $2,000.

Tennessee Lumber Co., two-st'y brick building, Sixth St., near C. H. & D. Railroad; cost, $8,000.

H. Elbrink, repair three-st'y brick dwell., 395 Broadway; cost, $2,500.

J. Murphy, two-st'y Frame dwell., Lane St., near Oak St.; cost, $2,100.

Robt. Auchutz, two-st'y frame dwell., Glenway Ave.; cost, $2,000.

Jno. White, two-st'y brick dwell., Kemper St., near Park Ave.; cost, $2,500.

Thirteen permits for repairs; cost, $6,000.

Denver, Col.

SHOP. — Hendy & Meyer, two-st'y brick shop, Blake St.; cost, $20,000.

HOTEL. — John Baker, three-st'y brick hotel, Twelfth St.; cost, $15,000.

SYNAGOGUE. — Congregation Emmanuel, Curtis St.; cost, $25,000; W. J. Edbrooke, architect.

BUILDING PERMITS. — The following are the more important permits issued since last report: —

BUSINESS BLOCKS. — Rodney Curtis, three-st'y brick

ND CL... INGS.

New York Harbor. — It is said that 50 to 200 feet high are to be erected at l, Ward's Island; the other at Hallett's ...ected ten electric-lights of 20,000 candle-...sumed on each tower will be 20 cents ... by one 20-horse-power engine. The ...has decided to report a bill for an ap-...oon as the bill passes the House, work

Paris. — The appurtenances of the ... announced a fortnight ago for sale at ...hs of marble and stalls of carved oak. ...articles after the fall of the empire, ...Empress was given possession of them ...ent. Among the carriages is one that ...the Orsini attempt at assassination, the ...idden in it to the Opera-House on that

...nging in the belfry of the Episcopal ... of the oldest in America, has a long ... in 1703, and was one of a chime of ... The cathedral was burned by Napo-...ewards the bell was sold in a lot of old ...a vessel sailing to New York without ...y, discovered it in a scrap pile in New ...ght it, and for a long time it was kept ...y as a curiosity. In 1831 a resident at ...a bell for the Episcopal church, which ...laced the foundryman to sell him the ...se there ever since. — *Building World.*

...ns in New Mexico. — The Boston ...coveries of the largest ancient ruins ...h extend for a distance of fifteen miles ...as Animas River, about forty miles ...unty, N. M., have recently been made. ...ho visited these ruins lately, believes ...d by the Moqui Indians, and not by ...ed. He speaks of discovering a stone ...ne, evidently, was three stories high. ...here were about one hundred and fifty ...t square each. An enterprising Yan-...ernment land the ground on which the ... business selling relics to visitors. A ...he gentlemen of the Bureau of Ethnol-...ifteen human skeletons in a subterra-...mentioned. This had evidently been ...re wrapped up carefully in a kind of ...resem... ...to Egyptian mummies. ...ven v... ...much skill as if done at ...ged m... ...e least interesting part of ...were perfectly preserved and clean. ...d Indians. A quantity of pottery of ...this tomb.

... — "The longest way 'round is the ... somewhat obscure saying, often used ... a small distance. The following from ...trates one of the cases in which the ...he repairs of the telegraph cable near ...nd *Great Northern* were about half a ...ld of a shore-end cable, and so was in ...Bombay, the latter having hold of the ...ble communication with Aden. The ... to splice on to the cable end held by ...ths of a mile of cable, and this was ...e test-room of the *Chiltern*, passing ...ier hold and on to Bombay, whence it ...on Aden to the *Great Northern*. Thus, ...essage one half mile, it was forwarded ...000 miles long. The following morn-...one-fourth mile of each other, com-...constantly in the same way."

... In the interior towns and villages of ...tom for the farmer to purchase the ... in some instances, when having a new ...entering into the same, the length of ...e smith. One part of the contract is ...farmer all ends and cuttings from the ... the farmer remains at the shop until ...t the smith shall not indulge in too ... has what is termed the hell, and in ...armer is not present, the largest half ... the hell, the duty of putting it there ...prentice. From this always plentiful ...terial for the manufacture of bolts, ...stomers. The horse-shoeing part is ...ing with him the end of some piece ...or perhaps a dozen or more old horse-...es. The farmer must blow the bel-...he shoes all made, and must then hold ...s are being driven on or taken off, and ...home with him, unless he prefers to ... the apprentice's service in holding up

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

257,840. Plastered Wall. — August H. Becker, St. Louis, Mo.

257,845. Alarm-Lock. — Isaac N. Buck, Elgin, Ill.

257,848. Air-Gas Machine. — James P. Clifford, Brooklyn, N. Y.

257,853. Air-Valve for Water-Pipes. — John L. Dibble, Brooklyn, N. Y.

257,867. Fire-Escape. — James C. Hendricks, Indianapolis, Ind.

257,870. Cavity-Plane. — Frank A. Humphrey, Worcester, Mass.

257,881. Roofing-Paint. — Allen McDonnell, Rulo, Neb.

257,889-891. Lightning-Rod Coupling. — Theodorus H. Pates, Greencastle, Ind.

257,905. Feeding Air to Furnaces. — George B. N. Tower, Boston, Mass.

257,906. Waste-Pipe Trap. — Edward A. Tuttle, New York, N. Y.

257,910. Door-Spring. — John W. Weddel, Freeport, Ill.

257,920. Saw-Handle. — William Clemson, Middletown, N. Y.

257,943. Elevator. — Philip Hinkle, San Francisco, Cal.

257,978. Saw-Handle. — Christopher W. Robinson, Saegertown, Pa.

257,981. Bench-Plane. — Solon R. Rust, Pine Meadow, Conn.

257,986. Door-Check. — Henry Skorrett, Sparbrook, near Birmingham, County of Warwick, England.

258,006. Earth-Closet. — Henry J. Behrens, New York, N. Y.

258,007. Pocket Door-Fastening. — Arthur Belding, Chicago, Ill.

258,011. Hoisting Apparatus for Elevators. — Susan A. Bond, Brooklyn, N. Y.

258,017. Air-Heating Furnace. — Volusin Bude, East Saginaw, Mich.

258,026. Sash-Fastener. — John A. Curtin, New Britain, Conn.

258,028. Fire-Escape. — Helen M. Decker, New York, N. Y.

258,050. — Composition for Staining Wood. — Anton F. Gloger, Jr., and Joseph P. Gloger, Columbus, Tex.

258,065. Means for Unlocking and Opening Shutters. — Jacob C. Horton, New York, N. Y.

258,067. Bench-Dog. — William M. Howland and James E. Howland, Topsham, Me.

258,073. — Elevator and Dumb-Waiter. — John Johnston, New York, N. Y.

258,078. Foundation-Curb for Wells. — George A. Kingsland, Brooklyn, N. Y.

258,083. Combined Weather-Strip and Door-Spring. — Anderson Lathrop, Van Hornesville, N. Y.

258,127. Door-Check. — John E. Rosenthal, St. Louis, Mo.

258,137. Wrench. — Joseph Schwegler, Buffalo, N. Y.

568,144. Water-Closet. — Robert D. O. Smith, Washington, D. C.

10,113 (*Reissue*). Hot-Air Furnace. — John F. Pease, Syracuse, N. Y.

SUMMARY OF THE WEEK.

Austin, Tex.

University.—One wing of the State Univerity is to be let soon; cost, $50,000; cost of whole building, when finished, $150,000; Mr. F. E. Ruffini, architect.

Asylums. — Addition to "State Lunatic Asylum," brick building; cost about $100,000; John McDonald, contractor; Col. E. E. Meyers and J. N. Preston, architects; Capt. Wilson, superintendent.

Addition to blind asylum; cost, $2,000.

Engine-House.—For Washington Steam Fire-Engine Co., two-st'y brick, 24' x 54'; cost, $2,500; F. E. Ruffini, architect.

Stores.—On Congress Ave. are being built for Hon. John Hancock, two-st'y brick, with cut stone front; cost, $25,000.

Brick store with stone front, for Mr. Lewis Hancock, two-st'y, 55' x 160'; J. N. Preston, architect.

Masonic Temple.—Mr. F. E. Ruffini is preparing plans; cost about $15,000.

Houses.—Dr. M. Salm is building a residence; cost about $1,500; F. E. Ruffini, architect.

Capitol.—The excavation for the new capitol is not yet completed.

Baltimore.

Johns Hopkins University.—Biological and Chemical Laboratories; the former, 53'x 84', three stories and basement, and facing Eutaw St.; the latter, an addition to present laboratory, 32' x 53', two stories; the buildings are to be constructed of brick, with Cheat River stone and terra-cotta finish, and will cost $110,000; Mr. Chas. L. Carson, architect.

Building Permits.—Since our last report, thirty-two permits have been granted, of which the more important are as follows:—

St. George's Memorial Church, (Episcopal), stone church building, n e cor. Division and Presstman Sts.

Maryland Infirmary, three-st'y brick building, in rear of s w cor. Lombard and Green Sts.

L. H. Robinson, three-st'y brick building, Mount St., n of Harlem Ave.

D. C. Howell, 7 three-st'y brick buildings, stone fronts, John St., bet. Dolphin and Lanvale Sts.

John Kling, 4 two-st'y brick buildings, Chappel St., bet. John and Hoffman Sts.

Peter Hagan, three-st'y brick building, Ann St., bet. Pratt and Gough Sts.

John Ward, three-st'y brick building, s e cor. Chase and Valley Sts.

Sarah T. Foutz, four-st'y brick building, in rear of No. 124 Harlem Ave., bet. Calhoun and Stricker Sts.

Lawrence Miller, two-st'y brick building, Vine Alley, bet. Schroeder and Carlton Sts.

Fred. Behreus, two-st'y brick building, Little Church St.

Thos. Duyer, two-st'y brick building, Poultney St., bet. Light St. and James Alley.

Gottlieb Reimbul, three-st'y brick building, Bond St., bet. Pratt and Lombard Sts.

Geo. W. Hopper, 8 three-st'y brick buildings, Mount St., n of Lanvale St.

Geo. W. Hopper, 2 three-st'y brick buildings, n e cor. Lafayette Ave. and Norris Alley.

Geo. W. Hopper, 8 two-st'y and basement brick buildings, Norris Alley, n of Lafayette Ave.

Becker Bros. & Son, two-st'y brick shop, Frederick St., bet. Gay St. and Aetna Alley.

Boston.

Building Permits.—*Brick. — South St., Nos.* 42-44, cor. Waverley Pl., Ward 12, for James S. Stone, mercantile, 27' 8"x 74', four-st'y; Geo. A. Pope, builder.

N. St., Nos. 145-147, Ward 14, for Henry B. Stratton, 2 dwells., 20' x 48', three-st'y; Henry B. Stratton, builder.

Wood. — Ashmont St., rear of, near Carruth St., Ward 24, for Chas. H. Dodge, stable, 24' x 38', two-st'y; Beal & Spear, builders.

Warren St., No. 630, Ward 21, for Ada W. Phillips, dwell., 19' 6" an l 34' x 29' 6", two-st'y; J. Henry Stephenson, builder.

Gilbert St., opp. Hoffmann St., dwell. for Regina Fink, 22' x 31'; ell, 16' x 20', two-st'y; Joseph Hammerlee, builder.

Gates St., No. 41, Ward 15, for D. L. Reardon, dwell., 21' 6" x 31', two-st'y and mansard; D. L. Reardon, builder.

Chelsea St., nearly opp. Eagle St., Ward 1, for Maverick Oil Works, storage, 40' x 60'.

West Seventh St., No. 69 near C. St., Ward 13, for Patrick Haberlin, dwell., 22' x 33' 6", three-st'y; Caveney & Hanlon.

Havre St., Nos. 278-279, Ward 1, for James Collins, 2 dwells., 20' x 36', three-st'y.

Unnamed St., rear of, near Stark St., Ward 4, Richard S. Barrett, stable, 30' x 40', two-st'y; H. M. Hunnewell, builder.

Sargent St., No. 2, rear of, near Spark St., for a stable, 21' x 25', two-st'y; his contract is supposed to cover up the blots.

Brooklyn.

Building Permits.—*Flatbush Ave.*, Altantic Ave. junction, one-st'y brick baggage-room; cost, $2,000; owner, Long Island Railroad Co.; builder, J. A. De Camp.

Gates Ave., s s, 250' w Franklin Ave., 3 three-st'y brownstone dwells.; cost, each, $6,000; owner, D. H. Fowler, 14 Verona Pl.; architect, Amzi Hill; builders, Thos. Baker and D. H. Fowler.

Sumpter St., No. 116, s s, three-st'y frame tenement; cost, $4,000; owner, Henry Queal, cor. Elm and Broome Sts., New York; builder, D. Hess.

Willoughby Ave., n e cor. Throop Ave., three-st'y brick dwell.; cost, $23,000; owner, H. O. Pearce, 741 De Kalb Ave.; architect, M. J. Morrill; builder, J. W. Campbell.

Hewes St., s s, abt. 236' 10" e Marcy Ave., 3 three-st'y brownstone dwells.; cost, each, $7,000; owner and carpenter, Jas. Sheridan, 165 Rutledge St.

North Elliott Pl., No. 33, e s, 180' s Park Ave., three-st'y brick dwell.; cost, $5,500; owner, Richard Bracken, 134 North Elliott Pl.; architect, L. W. Seaman, Jr.

Seventeenth St., n s, abt. 160' w Fourth Ave., 3 two-st'y brick dwells.; cost, each, $3,000; owner and architect, Thomas Pitbladdo, 213 Seventeenth St.; builders, Wm. & Thomas Corrigan.

Schenck St., n s, 150' n Park Ave., four-st'y frame factory; cost, $4,000; owner, M. F. McDermott; architect, J. Platte; builders, Jno. Aur and R. B. Ferguson.

Orange St., n s, 74' 8" w Henry St., four-st'y brick apartment-house; cost, $24,000; owner, L. B. Phelps, 53 Orange St.; architect, M. J. Morrill; builders, H. D. & W. A. Southard.

Herkimer St., n s, 152' 3" e Bedford Ave., 5 three-st'y brick dwells.; cost, each, abt. $7,500; owner, M. C. Stafford, 835 Dean St.; architect and builder, J. Stafford.

Myrtle St., 115' 6" n Broadway, 4 two-st'y frame dwells.; cost, each, $3,000; owner, Frederick Herr, 778 Broadway; carpenter, P. Johnson; mason, G. Cuttler.

Chicago.

In General.—There is no change in the situation as yet at the brick-yards, and some buildings under way will have to stop, unless the manufacture should commence soon; but there is no present prospect of a start. Neither side seems disposed to yield.

Building Permits.—George Tobey, two-st'y and cellar brick dwell., 22' x 54', 668 Twenty-first St.; cost, $2,500.

Charles Ebert, two-st'y brick dwell., 21' x 45', 193 Lewis St.; cost, $2,400.

John Stoneman, one-st'y brick flats, 30' x 40', 3008 and 3010 Dearborn St.; cost, $2,800.

Mrs. C. Ernst, two-st'y and basement brick dwell., 22' x 48', 393 Clinton St.; cost, $3,000.

George Hirschman, two-st'y and cellar store and dwell., 25' x 65', 771 Clybourne Ave.; cost, $2,600.

Chicago, Milwaukee & St. Paul Railroad Company, three-st'y and basement brick freight offices, 30' x 170', cor. Union and Fulton Sts.; cost, $10,000.

H. Fink, three-st'y and cellar brick store, 21' x 43', 112 West Washington St.; cost, $4,000.

James Kucero, four-st'y brick store, 24' x 110', 409 South Canal St.; cost, $8,000.

Thos. Whitfield, two additional stories, 47' x 90', 240 and 242 Wabash Ave.; cost, $6,000.

George A. Seaverns, 4 one-st'y brick cottages, 20' x 32' each, Cuyuga St., near Thirty-fourth; cost, $4,000.

Jacobson & Tallman, 10 one-st'y cottages, 30' x 32' each, Seymour St., near Division; cost, $8,000.

Bishop Feehan, two-st'y basement and attic brick dwell., 53' x 82', 615 North State St.; James R. Willett, architect; Robinson & Miner, builders.

C. H. McCormick, five-st'y brick store, 24' x 125', 59 Michigan Ave.; cost, $10,000.

C. P. Austin, five-st'y and basement brick store, 24' x 125', 61 Michigan Ave.; cost, $10,000.

Thos. H. Shepard, two-st'y and basement brick dwell., 20' x 60', 2811 Prairie Ave.; cost, $4,000; Dixon & Townsend, architect, C. W. Damier, builder.

Max Jank, three-st'y brick factory and engine room, 40' x 80', 801-816 Hawthorn Ave.; cost, $6,500.

E. Morrison, three-st'y brick dwell., 23' x 60', 3440 South Park Ave.; cost, $4,000; W. H. Drake, architect; W. Pound, builder.

E. Morrison, three-st'y brick dwell., 50' x 60', 3549 Ellis Ave.; cost, $14,000; W. H. Drake, architect; W. Pound, builder.

Geo. A. Seaverns, three-st'y and basement brick flats, 40' x 70', s e cor. Clark and Fourteenth Sts.; cost, $10,000; Palmer & Spinner, architects.

R. D. McFadden, three-st'y brick dwell., 21' x 50', Rush St., near Chicago Ave.; cost, $6,000.

Cincinnati.

Stable.—The Gambrinus Stock Co. are to build a new stable, cor. of Hunt and Sycamore Sts., to accommodate 100 horses; cost, about $17,000; Mr. Geo. W. Rapp, architect.

House.—Mr. F. E. Ratterman is to build a new brick dwell. in Clifton, near Cincinnati; cost, $10,000; Mr. Geo. W. Rapp, architect.

Printing-Offices.—Messrs. Henry Leiser & Co. are to build a new printing-house, No. 51 Longworth St., five-st'y, 25' x 100'; cost, $20,000; Mr. A. C. Nash, architect.

Mr. Robert T. Morris is to build a printing-house, No. 72 Vine St., 23' x 75', four-st'y; cost, $15,000; Chas. Crapsey, architect.

Building Permits.—Since our last report the following permits have been issued: —

C. Derniger, three-st'y frame dwell., Browne St., near Baymiller; cost, $6,000.

Jacob Ulsus, repair five-st'y brick dwell., Main St., near Canal St.; cost, $5,000.

C. H. Carle, repair three-st'y brick dwell., 343 Main St.; cost, $4,200.

R. J. Cresap, 4 two-st'y frame dwells., s e cor. of Nassau St. and Gilbert Ave.; cost, $5,600.

E. C. Boyce, repair two-st'y brick dwell., 29 Clark St.; cost, $2,200.

Jos. F. Elliott, four-st'y brick dwell., s e cor. Freeman Ave. and I. C. & L. R. R.; cost, $8,000.

Henry Leiser, six-st'y brick dwell., 54 Longworth St.; cost, $8,000.

Chas. A. Cordesman, three-st'y brick dwell., Ninth St., between Baymiller and Freeman Sts.; cost, $6,700.

J. R. Hoffman, two-st'y brick dwell., 321 West Eighth St.; cost, $2,600.

J. H. Bates, three-st'y brick dwell., s s of Eighth St., near Court St.; cost, $5,300.

Henry Brokamp, three-st'y brick dwell., Liberty St., between Central Ave. and John St.; cost, $2,500.

Seven permits for repairs; cost, $7,000.

New York.

Building Prospects.—There has been but little new work projected lately, and in public buildings there is nothing contracted out this year. There is a talk of rebuilding the Hall of Records in City Hall Park, but it is not likely to be touched this year. As regards private enterprises the work let out falls very short of what was anticipated, owing to high estimates necessitated by price of labor and material. Should the price of brick continue as low as at present many estimates might be modified and the work go on.

Building Material Exchange.—There are now over 35 applications for membership in the "Building Material Exchange of the City of N. Y.," above the 300 to which number the organizing rate of subscription was limited. The initiation fee will now be $100.00

Alterations.—Several important alterations are projected. Judge Hilton it is said proposes to alter the "down-town" Stewart store into office-buildings, with probably an addition of two stories to the height. It is also rumored that Mr. Harris is making plans for change to the store bet. Ninth and Tenth Sts.

The St. Cloud Hotel, Broadway and Forty-second St., is to be raised to six stories in height, at an expense of $18,000.

The American Express Co.'s Building, No. 67 Broadway, will be raised 5'.

The Jewish Synagogue, Nos. 13 and 15 Piko St., is to be altered at an expense of $8,000.

Building Permits.—*Park Ave.*, w s, 84' s Seventy-fifth St., three-st'y brick and brownstone dwell.; cost, $18,000; owner, Hugh Blesson, 60 East Seventy-fifth St.; architect, J. G. Prague.

Fifty-seventh St., n s, 75' e Sixth Ave., seven-st'y brownstone apartment-house; cost, $200,000; owner, Jacob B. Tallman, 113 West Fifty-third St.; architect, H. J. Dudley.

Sixth Ave., s e cor. Fifty-first St., four-st'y Connecticut brownstone stores and tenement; cost, $38,000; owner, William Sperb, 209 West Thirty-eighth St.; architects, Thom & Wilson.

West Forty-fifth St., No. 445, four-st'y brick shop; cost, $10,000; owner, Herman Hoefer, 348 West Fifty-sixth St.; architects, Thom & Wilson.

South Williams St., Nos. 20 *and* 22, two-st'y and part of rear three-st'y granite bank; cost, $120,000; owners, Farmers' Loan & Trust Co., 26 Exchange Pl.; architect, Thomas Stent; builders, Jas. Webb & Son and John Downey; iron-work, Heuvelman & Co.

Fifty-fourth St., n s, 151' w Sixth Ave., four-st'y brick and brownstone school; cost, $50,000; owner, Felix Adler, 1321 Broadway; architects, H. J.

CAN ARCHITECT: —

has been brought to my notice: in officers of a company to make for certain of their buildings, no nary sketches — two or three diffnds them to be acted upon (as to company. It is to be understood arty approval of officers who or- of the meeting, expecting daily pers ready to receive bids, when posals, said company having emcomplete, or to revise the work. it? Yours truly, S.

n prove his employment to make eady partially fulfilled his agreewe think that his clients would be n their part, or to prevent him from t law his full compensation for the ether his clients choose to abandon stipulated for his services, the cas- Whether he could collect damages n by such treatment would depend that he had actually suffered loss on r compensation, and indemnity for ses of collection would be added to r is now pending in Massachusetts, o both in communication with each RCHITECT.]

CLIPPINGS.

ing the vessel *La Provence*, which s was added to the diver's dress, ications. One of the glasses of the e, in which a telephone is inserted, s head slightly in order to receive ses. Besides, in case of danger or which would otherwise have been

es of the steel-mill roof at Indian- span in the State — with a pitch triangle slowly mounts to its place od idea of engineering forces on- e sides of the triangle is king and studded with the solid, as if they were a single re strong enough to make sills for

o. — The three commissioners ap- Bates to disburse his bequest of Lincoln and a fountain in Lincoln for the monument and $15,000 for from prominent sculptors here and itted by August 1. A final settle- reached, but doubtless will be be-

s. — Dr. Fred. J. Mouatt, formerly College at Calcutta, says in a re- part of India with which I am rial possessed a means of purifying ats, by spreading a light coating of anic matters, on their walls and ing," and is usually performed by in a view to submit this proceeding in the Presidency jail of Calcutta, air, and practically unventilated, were lime-washed throughout, and ar healthy prisoners locked up in n opening the cells next morning, re stuffy and offensive, redolent of by native prisoners in such circumfresh and as pure as if no one had *l Reporter.*

SON. — It appears from the account ouse of Mrs. Hepsabeth C. Shaw, of by fire, the New York Equitable Inif, chose to rebuild and restore it to than pay outright in money the losses ding had been repaired and handed to it as not being as good as it had used to do more than it had done, so mplaint she asserted that green timand that, generally, in construction to the building as it stood before the mages because the work of rebuilded. The trial of the case occupied rt and a jury, in the Supreme Court, Judge Van Vorst ruled that the in- it had chosen to rebuild, to make way as the old one, although not to the old one, and that it could not mount of the insurance, but must exto make the building perfect. The $1,021 damages.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

258,211. SAFETY-ELEVATOR FOR HATCHWAYS.—John B. Atwater, Chicago, Ill.

258,225. CALIPERS. — Henry Foerster, Newark, N. J.

258,231. ILLUMINATING-TILE.—Joshua K. Ingalls, New York, N. Y.

258,247. FIRE-ESCAPE.—Peter A. Nicholson, Philadelphia, Pa.

258,282. VENTILATOR FOR WINDOWS.—Hugh H. Craig, Baltimore, Md.

258,293. BOTTLE-BREAKING FIRE-EXTINGUISHER.—Almon M. Granger, Boston, Mass.

258,329. SCREW-DRIVER. — Cal Thomas, Terre-Haute, Ind.

258,344. SHUTTER-FASTENER.—Charles Altemiller, New York, N. Y.

258,374. STEAM-RADIATOR.—John Chapman and Robert Brass, Brooklyn, N. Y.

258,390. REAMER.—George W. Dudley, Waynesborough, Va.

258,391. ELBOW-FITTING FOR DRAINAGE-PIPES.—Caleb W. Durham, Chicago, Ill.

258,402. MANUFACTURING GLASS FOR USE IN ILLUMINATED WINDOWS.—Alphonse Friedrick, Brooklyn, N. Y.

258,403. CRANE.—Mark Frisbie, Orland, Ind.

258,406. WALL-PAPER-HANGING DEVICE.—William Geist, Pittsburgh, Pa.

258,431. LATCH.—Joseph Kaye, Kirkstall, England.

258,433. WATER-CLOSET.—David Smith Keith, Toronto, Ontario, Canada.

258,441. FIRE-ESCAPE. — John R. Koons, Shickshinny, Pa.

258,453. EAVES-TROUGH HANGER.—Richmond E. Mallory, West Salem, O.

258,458. BURGLAR-ALARM.—Peter Moran, Philadelphia, Pa.

258,468. CHIMNEY-CAP.—William H. Payne, Camden, N. J.

258,486. COMBINED WEATHER-STRIP AND DOOR-STILL.—Joseph Singer, Wayne, Ind.

258,510. SPRING-HINGE.—Cornelius S. Van Wagoner, Brooklyn, N. Y.

258,539. THEATRE-STAGE.—Charles A. Needham, New York, N. Y.

SUMMARY OF THE WEEK.

Baltimore.

BUILDING PERMITS.—Since our last report 23 permits have been granted, of which the following are the more important: —

Moses Fox, three-st'y brick building, mansard roof, s w cor. Bond and Baltimore Sts.

Josephine Lideman, three-st'y brick building, No. 310 Aliceanna St., bet. Washington and Wolf Sts.

W. A. Railway, 5 three-st'y brick buildings, commencing at n w cor. Druid Hill Ave. and Roberts St.

White & Meyers, two-st'y brick building, Rice Alley, bet. Calhoun and Stricker Sts.

Jas. D. Smith, one-st'y brick office, in rear of No. 190 George St., bet. Fremont and Brune Sts.

Dr. E. T. Henkle, 3 three-st'y brick buildings, Edmondson Ave., e of Arlington Ave.

D. F. Haynes & Co., one-st'y brick building, 36′ x 36′, s w cor. Nicholson and Decatur Sts.

Union Passenger Railway Co., two-st'y brick stable, Pratt St., bet. Smallwood and Ackworth Sts.

A. Frankenstine, 2 two-st'y brick buildings, McHenry St., e of Payson St.

Herman H. Vordenberge, two-st'y brick stable, in rear of No. 276 Howard St., bet. Hamburg and Cross Sts.

Maryland Pavement Co., frame structure, 50′ x 125′, for the manufacture of asphalt blocks, Fulton Station, Baltimore; cost, abt. $15,000; Mr. George Archer, Architect; Mr. John Waters, contractor.

Boston.

BUILDING PERMITS.—*Brick.—Pearl Pl., Nos.* 25-31, cor. Hartford St., Ward 12, for Horace B. Taylor, mercantile, 40′ and 40′ 6″ x 53′, five-st'y; Vinal & Dodge, builders.

Wood.—Allandale St., rear of, near Centre St., Ward 23, well-house, 15′ 8″ x 15′ 8″, for H. W. Wellington; H. A. Ayers, builders.

Walnut St., junction Neponset Ave., Ward 24, for Harriet B. Harding, dwell., 15′ and 48′ x 50′ and 56′, two-st'y; C. Moody & Co., builders.

West Cottage St., No. 14, rear of, Ward 20, for James L. Taylor, stable, 20′ x 25′; Lanning & Driscoe, builders.

Rutherford Ave., rear of, nearly opp. Miller St., Ward 5, for Thomas L. Bishop, stable, 35′ x 80′; John Bell, builder.

Blake St., near Boston St., Ward 15, for John Soutter & Co., stable, 18′ x 38′; Isaac Dunn, builder.

Shepard St., rear, near Washington St., Ward 25, for Mary Blaney, stable, 15′ x 35′; Daniel McKenney, builder.

Gurney St., near Tremont St., Ward 22, for Ruth H. Thompson, store and storage, 18′ and 20′ x 40′, two-st'y; E. W. Sanborn, builder.

Central Ave., cor. Orange St., Ward 23, for Adam Schuster, dwell., 19′ and 22′ x 28′, two-st'y; G. F. Bennink, builder.

Walnut Ave., Ward 21, for W. S. Robinson, dwell., 32′ 8″ x 35′ 8″, two-st'y hip; W. S. Robinson, builder.

Unnamed Court, off Warren St., near Dale St., Ward 21, for Reuben Greene, 2 dwells., 22′ and 28′ x 32′, two-st'y; Chas. H. Blodgett, builder.

Linden St., near Fairington Ave., Ward 25, for Wm. J. Tirrill., 2 dwells., 14′ and 20′ x 50′, two-st'y; H. M. Perry, builder.

Curtis St., rear, near Boylston St, Ward 23, for Thomas Navy, dwell., 18′ x 28′, two-st'y; Douglass McDonald, builder.

Unnamed Pl., from Rand St., Ward 20, for Bernard Foley, 2 dwells., 20′ x 30′, two-st'y; H. J. Bartlett, builder.

Brook Ave., Ward 20, for Freeman Smith, 2 dwells., 14′ 6″ and 19′ 6″ x 42′, two-st'y and mansard; John Horsfield, builder.

Devon St., near Warren St., Ward 21, for George W. Elliott, dwell., 25′ 2″ and 26′ 8″ x 47′, two-st'y; L. Henry Stephenson, builder.

Bainbridge St., No. 39, Ward 21, for Susan B. March heirs, dwell., 20′ and 25′ x 39′, two-st'y hip; Thos. J. Tobin, builder.

Marginal St., No. 264, rear of, Ward 21, Simpson's Dry-Dock Co., shipwright building, 25′ x 45′; Wm. C. Chick, builder.

Virginia St., Ward 20, for J. H. Besarick, dwell., 26′ x 35′, two-st'y hip; Charles B. Blodgett, builder.

Neponset Ave., near Bowtwell Ave., Ward 24, for Frank O. Nash, dwell., 34′ 8″ x 42′, two-st'y hip; Wm. G. Blazo, builder.

Neponset Ave., near Clay Ave., Ward 24, for Frank O. Nash, dwell., 16′ and 32′ x 16′ and 40′, two-st'y; Wm. G. Blazo, builder.

Brooklyn.

BUILDING PERMITS.—*Forrest St.*, s s, 300′ e Central Ave., 12 two-st'y frame dwells.; cost, each, $1,600; owner, J. G. Jenkins, Broadway, near Belvidere St.; architect, John Brown.

Sixth St., bet. Seventh and Eighth Aves., four-st'y brick hospital; cost, $300,000; owner, Seney Hospital; architect, John Mumford; builder, Cornelius Cameron.

Myrtle Ave., n e cor. Adelphi St., four-st'y brick stores and tenements; cost, abt. $15,000; owner, Thomas D. Carman, cor. Willow and Columbia Sts.; architect and carpenter, George L. Lowden; mason, Thomas B. Rutan.

Greene Ave., n s, 350′ e Bedford Ave., 3 three-st'y brownstone dwells.; cost, each, $7,000; owner and builder, Andrew Miller, 1527 Pacific St.; architect, Amzi Hill.

Lynch St., n s, 80′ w Lee Ave., 5 three-st'y brick dwells.; cost, each, $4,000; owner and builder, Richard Healy; architect, J. D. Reynolds.

Atlantic Ave., No. 1767, n s, 43′ w Hunterfly Road, two-st'y frame dwell.; cost, $2,000; owner, C. Noll, 1771 Atlantic Ave.; builder, J. Polman.

Bedford Ave., s e cor. Jefferson St., 2 four-st'y brownstone stores and flats; cost, $9,000 each; owner and carpenter, S. E. C. Russell, 58 Hancock St.

Fourth Pl., s s, 24′ 6″ e Henry St., three-st'y brick tenement; cost, $3,000; owner and mason, Thomas Keogh, 1498 Nelson St.; carpenter, P. Gilloon.

Greene Ave., n s, 90′ e Bedford St., 3 three-st'y brownstone dwells.; cost, each, $7,000; owner and carpenter, C. H. Smith, 170 Montague St.; mason, E. N. Wood.

Boerum Pl., No. 27, being 160′ s Livingston St., three-st'y brick office-dwell.; cost, $3,000; owner and builder, C. Dietrick, 21 and 25 Boerum St.; architect, G. R. Dietrick.

Stagg St., s s, 525′ w Waterbury St., two-st'y frame dwell.; cost, $2,000; owner, Jos. Dorman, Meserole St.; architect, Geo. Hillenbrand; builder, M. Metzen.

De Kalb Ave., s e cor. Evergreen Ave., one-st'y brick carriage-house and stable; cost, $4,500; owners, Little Sisters of the Poor; architects, Pardit Bros.; builders, S. Rippingale, Jr., and C. H. Doolittle.

Myrtle St., Nos. 61, 63 *and* 65, n s, abt. 150′ e Myrtle Ave., three and four st'y club-house; cost, $12,000; owner, Brooklyn Labor Association, 69 Myrtle St.; architect, H. H. Fabian; builder, E. Loerch.

South Eighth St., s s, 75′ w Second Ave., four-st'y brick dwell.; cost, $12,000; owner, Joseph Applegate; architect, E. F. Gaylor; builder, S. J. Burrows.

Cranberry St., s s, 150′ w Hicks St., two-st'y brick stable; cost, $4,000; owner, J. P. Robinson; architect, H. Turner; builder, C. J. Henry.

ALTERATIONS.—*Clark St.*, n w cor. Henry St., repair damage by fire; cost, $5,000; owner, Jacob Campbell, on premises; architect, J. B. Snook; builder, Henry Wallace.

Navy St., No. 153, two-st'y brick extension; cost, $2,000; owner, F. Goldsmith, on premises; builder, W. J. Kerrigan.

Hanson Pl., s w cor. Portland Ave. add one st'y, also four-st'y brick extension; cost, $5,500; owner, Dr. Freeman, on premises; architect and builder, J. N. Smith.

Chicago.

BRICK-MAKERS' STRIKE.—It is fully expected that this week will see the end of the controversy between the brick manufacturers and the employes, when many plans now held in abeyance will be pushed forward.

BUILDING PERMITS. — A. M. Billings, Gas Works, irregular building, containing 636,968 cubic feet, cor. Division St. and Elston Ave.; cost, $600,000.

E. N. Blake, two-st'y barn, 28′ x 36′ Ashland Ave. and Van Buren St.; cost, $2,500.

Mrs. Sophia Metzgar, two-st'y store and dwell., 21′ x 40′, 204 Blue Island Ave.; cost, $5,000.

W. P. Smith, two-st'y stores, flats and stable, 60′ x 140′, Cottage Grove and Thirty-second St.; cost, $16,000.

P. A. Huntington, three-st'y stores and flats, 60′ x 138′; Wabash Ave. and Sixteenth St.: cost, $40,000.

Isaac Wolf, three-st'y store and dwell., 25′ x 75′, 2910 South State St ; cost, $9,000.

C. M. Fitch, three-st'y dwell., 28′ x 43′, 645 Monroe St.; cost, $5,000.

T. Mikkelsen, one-st'y cottage, 22′ x 51′, 609 North Ave.; cost, $2,600.

W. A. Walter, two-st'y and cellar dwell., 25′ x 60′, Prairie Ave. and Thirty-first St.; cost, $4,000.

W. Kreft, two-st'y dwell., 21′ x 62′, 250 Augusta St.; cost, $5,000.

W. Twichell, two-st'y dwell., 18′ x 24′, Western Ave. and Augusta St.; cost, $3,000.

H. Hebard, two-st'y dwell., 22′ x 43′, 643 Monroe St.; cost, $5,000.

Miss K. Olson, two-st'y dwell., 22′ x 60′, 371 Twenty-fifth St.; cost, $4,000.

Wm. Schaar, two-st'y dwell., 21′ x 56′, Ashland Ave. and Van Horn St.; cost, $3,000.

Chas. Peterson, three-st'y dwell., 26′ x 59′, 20 Evergreen Ave.; cost, $6,500; Mr. C. O. Hansen, architect.

F. Steiner, two-st'y dwell., 20′ x 56′, 731 Loomis St.; cost, $3,200.

John Novak, two-st'y store and dwell., 24′ x 56′, 299 West Twentieth St.; cost, $3,700.

John Uhlie, two-st'y dwell., 21′ x 56′, 113 West Eighteenth St.; cost, $3,600.

Mrs. Kelly, 96 Edgar St.; fine, $50.

Michael Costello, 53 Commercial St.; fine, $25.

Kansas City, Mo.

A. F. M. Strogg on Main St., two-st'y brick dwell., 50′ x 50′; cost, $3,000.

W. H. Raymond, Independence Ave., two-st'y brick dwell., 53′ x 75′; cost, $9,000.

Isabella S. Goodman, on East Twelfth St., two-st'y brick dwell., 41′ x 46′; cost, $6,000.

M. W. Doherty, on Walnut St., two-st'y brick dwell., 20′ x 54′; cost, $2,000.

J. Haglebury, at n e cor. of St. Louis Ave. and Mulberry St., two-st'y brick dwell., 40′ x 80′; cost, $5,600.

Nancy Bainbridge, on Summit St., three-st'y brick dwell., 22′ x 55′; cost, $3,500

N. M. Seamans, on Charlotte St., two-st'y brick dwell., 20′ x 55′; cost, $2,500.

Alonzo Haggerty, a two-st'y frame, 14′ x 22′, at 1110 Pacific St.; cost, $2,400.

Mrs. N. M. Lemane, a two-st'y brick dwell., 20′8″ x 38′, on Charlotte St.; cost, $2,500.

New York.

BUILDING PERMITS.—*East Fifteenth St., Nos.* 14, 16 *and* 18, 3 six-st'y brick and brownstone stores and lofts; cost, each, $25,000; owner, Mary S. Van Beuren, 21 West Fourteenth St.; architect, F. S. Copley.

Vesey St., No. 41, five-st'y brick store; cost, $18,000; owner, L. J. Callanan, 124 West Eleventh St.; architects, Thom & Wilson.

Avenue A, e s, 75′ s One Hundred and Twenty-Eighth St., 2 three-st'y brownstone dwells.; cost, $8,000; owner, John C. C. Gilsey, Avenue A, bet. One Hundred and Twentieth and One Hundred and Twenty-first Sts.; architect, C. E. Hadden.

West Forty-sixth St., Nos. 433, 435, 437 *and* 439, 4 five-st'y brownstone tenements; cost, each, $17,000; owners, Wm. Rankin and P. Hauseman, 306 West Forty seventh St. and 510 West Fiftieth St.; architect and builder, Wm. Rankin.

First Ave., s w cor. Eighty-eighth St., and a house on rear of lot, 2 five-st'y brick tenements; cost, $15,000 and $17,000; owner, Fred. W. Johnson, 48 Chatham St.; architect, R. Rosenstock.

Hudson St., n w cor. Charlton St., five-st'y brick and Belleville stone stores and tenements; cost, $30,000; owner, Corporation Trinity Church, 5 Church St.; architect, C. C. Haight; builders, Robinson & Wallace and L. H. Williams.

Charlton St., No. 97, five-st'y brick and Belleville stone tenement; cost, $12,000; owner, architect and builders, same as last.

One Hundred and Twenty-sixth St., n e cor. Seventh Ave., three-st'y brownstone dwell.; cost, $17,000; owner, Charles Batchelor, 75 East One Hundred and Twenty-seventh St.; architect, Carter & Ferdon; builder, not selected.

One Hundred and Twenty-sixth St., n s, 16′ 8″ e Seventh Ave., 4 three-st'y brownstone dwells.; cost, each, $15,000; owner, architect and builder, same as last.

One Hundred and Twenty-sixth St., n s, 84′ 8″ e Seventh Ave., three-st'y brownstone dwell ; cost, $12,000; owner, etc., same as last.

Bowery, s e cor. Grand St., five-st'y brick stores and warehouses; owner, estate of S. Brush, 31 Nassau St.; architect, Robt. Mook; builders, A. Woodruff's Sons and W. Germond & Co.

West Forty-eighth St., Nos. 38 *and* 40, three-st'y brick and granite stable and dwell.; cost, abt. $50,000; owner, Wm. Rockfeller, Fifth Ave., n e cor. Fifty-fourth St.; architect, O. J. Berg; builder, Jno. Banta.

Lexington Ave., n w cor. One Hundred and Third St., five-st'y brick apartment-house; cost, $23,000; owner, Thomas Smith, 874 Lexington Ave.; architect, J. C Burse.

First Ave., w s, 57′ 4″ s One Hundred and Seventh St., two st'y brick factory; cost, $10,000; owner, George Chase, 344 East One Hundred and Seventh St.; architect, J. M. Dunn; builders, J. & W. C. Spears and O. T. Mackey.

One Hundred and Twenty-third St., s s, 136′ e First Ave., 8 four-st'y brick tenements; cost, each, $10,000; owner and builder, Joseph Murray, 315 East One Hundred and Sixteenth St.; architect, J. H. Valentine.

One Hundred and Twentieth St., s s, 90′ e Fourth Ave., 6 four-st'y Connecticut brownstone tenements; cost, each, $12,500; owners, Hutchinson & Rooney, 415 East One Hundred and Fifteenth St. and 2242 First Ave.; architects, Cleverdon & Putzel.

ALTERATIONS. *Pike St., Nos.* 13 *and* 15, three-st'y brick extension; cost, $8,000; owner, Congregation Sons of Israel, on premises; architect, John Brandt; builder, not selected.

Madison Ave., No. 850, two-st'y brick extension; cost, abt. $6,000; owner, A. R. Whitney, 850 Madison Ave.; architect, W. H. Hume.

Madison Ave., No. 309, three-st'y brick extension, etc.; cost, $3,000; owner, Agnes P. Brown, 309 Madison Ave.; architect, H. Palmer.

Fourth Ave., Nos. 94 *and* 96, raised one st'y, interior alterations, etc.; cost, $20,000; owner, Grace Church, Broadway, cor. Tenth St.; architect, J. Renwick.

Leonard St., No. 108, two-st'y brick extension; cost, $2,500; owner, Merchant's Club, 108 Leonard St.; architect, J. M. Slade; builders, J. S. Smith and H. Powers.

West One Hundred and Twenty-eighth St., No. 117,

auguration of the work of cutting en celebrated with a certain amount Gulf of Egina. A flotilla of steamers corps diplomatique, ministers, depu- of Greece cut the first sod and the orks will be rapidly pushed on. In e to be apprehended, as at Suez and l in the present case being relatively metres long, and that of Panama is will be only six. Its execution will ed to consider it at present, but for l very expeditious mode of working inious method, by insuring good and to the success of the undertaking. f Nero, and is the shortest, going in rinth to the Gulf of Egina. It has r the last eighteen hundred years, rant, Claudius, Caligula, and Nero. it would never have made the Ro- occupied elsewhere. Be this as it t the canal will be easily made and ed does not crumble, and the canal ost flat, and forms a sort of strand a gentle ascent for two-thirds of the ends rather more rapidly until it highest point of the plateau to be above the level of the sea, and from descends in one direction at the rate ther of two centimetres, per metre. me dimensions as those of Suez and water will be eight metres, and the nty-two metres. Moreover, the soil sea and of calcareous rock the rest en necessary to open this long, deep acrifices of time and money would h the procedure to be employed in uarian engineer, M. Kauser, with en- the work by the aid of five hundred se of four years. M. Kauser's very material and number of hands to an the excavation being effected from The rock is blown up by mines, and d in this way no locomotives and f being thus reduced to the smallest

s. — Under date of May 23 the Bos- dle find is reported of relics of the valley, the only deposit yet found in A skull of heroic size and singular e to the Historical Society for exam- found, 60 feet in diameter at the base that wave of land running from De- early 200 miles, varying in width at , and known through all that coun- snake River cuts this ridge 12 miles ge with banks full 100 feet high, ils from the south bank the mound d itself is of sand and gravel, and the trail, proving that the builders the lower ground. Near the centre more than ten persons, male and fe- of badgers, horses, and hogs. The her found, is the most perfect speci- en being exposed to the air. The er maxillary is, of course, wanting. nd near it are abnormally large, and owner was of giant stature. The ecept that the mark of the hair line d little was possessed. At the base ead, which may have been peculiar breadth between the temporal bones ge Caucasian, but the dome is more for gray matter. This Pembina ls of itself a peculiar formation, and s of the members of the Historical ed land appeared from the primeval and against it the waves beat, piling n so large a part of its material. A xteries of the mound is being insti- are promised.

gainst the Kinzua Viaduct, the high- ll be completed, or a year from the ted in McKean County, Penn., about nstruction was ordered by the New nway Company. According to an *American* this bridge is 2,051 feet spans 61 feet long, and one 62 feet ns, which are 38 1-2 feet each. The wide, and continuous from one end ums 1 foot thick, which increase in ridge. They spread out with a bat- ch gives a distance of 10.5 between the bottom. The two longest bents ils built on each side of the stream, of masonry. All the other columns 125 y f masonry. The bridge on an yards of masonry. Its

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

258,547. Door-Hanger. — Wilbur F. Berry, Martinsburg, W. Va.

258,551. Permanent Window-Screen.—John H. Bradford, Belleville, Kan.

258,576. Franklin Stove and Fire Grate.—Alfred Greenaway, Louisville, Ky.

258,583. Kiln for Burning Brick.—James Johnson, Bay View, Milwaukee, Wis.

258,590. Coupling for Lightning-Rods.—William B. Mann, Collingswood, N. J.

258,597. Door-Hanger and Pulley.—Chas. W. Pierce, Oak Hill, N. Y.

258,611. Sash-Holder.—Henry A. Stone, Brooklyn, N. Y.

258,629. Hot and Cold Air Register.—Richard S. T. Cissel, Elizabeth, N. J.

258,638. Hanger for Plumbers' Pipes.—Edward O. Ford, Laurel, Md.

258,639. Automatic Damper-Regulator.—John W. Funck, Stapleton, N. Y.

258,663. Paint Compound.—William Jay McDonald, Gainesville, Ga.

258,673. Wrench.—John E. Preston, Brunswick, Me.

258,691. Safety Apparatus for Elevators.—Cyrus W. Baldwin, Chicago, Ill.

258,699. Disinfecting Apparatus for Water-Closets.—Henry Blackman, New York, N. Y.

258,716. Boring-Machine. — Vincent Cox, New Vienna, O.

258,738. Carpenter's Flooring-Tongs.—William R. Forrester, Bakerville, Tenn.

258,744. Apparatus for the Disposal of Sewage.—Amason S. Glover, Brockton, Mass.

258,764. Bit-Stock.—William A. Ives, New Haven, Conn.

258,791. Door-Spring.—Martin C. Mohr, Manchester, Ia.

258,827. Automatic Gate for Elevators.—Benj. C. Vanduzen, Cincinnati, O.

258,829. Moisture-Proof Coating and Covering for Walls, Floors, etc.—Rasmus Von Petersen, Copenhagen, Denmark.

258,833. Combined Bolt and Key Fastener.—William White, Chicago, Ill.

258,837. Adjustable Base-Board.—Charles H. Willson, Mount Vernon, N. Y.

258,838. Manger.—Charles H. Willson, Mount Vernon, N. Y.

258,839. Frames for Doors and Windows.—Chas. H. Willson, Mount Vernon, N. Y.

258,844. Roofing-Bracket.—Stephen Woodard, Delano, Minn.

258,855. Combined Anvil and Vise. — John J. Glover, Dardanelle, Ark.

SUMMARY OF THE WEEK.

Baltimore.

Building Permits.—Since our last report twenty-three permits have been granted, of which the following are the more important: —

F. Sigrist, three-st'y brick building, Fayette St., bet. Pine and Fremont Sts.

Richard Cromwell, Jr., one-st'y engine-house, boiler-house and stack, n e cor. Pratt and Fremont Sts.

Thos. B. Gaither, 2 six-st'y warehouses, Nos. 269 and 271 Baltimore St., bet. Hanover and Sharp Sts.

Solomon Corner, 2 three-st'y brick buildings, Biddle st., e of Calvert St.

John M. Getz & Co., 5 three-st'y brick buildings, Chase St., bet. Valley and Wilcox Sts.

Joseph Richardson, two-st'y brick building, Sterrett St., w of Spring St.

H. M. Rowe & Co., two-st'y brick packing-house, 35' x 65', Boston St., bet. Gwynn and Leeken Sts.

E. S. Laufair & Co., two-st'y brick warehouse, 65' x 69', n e cor. Lancaster and Durham Sts.

Church of Ascension, three-st'y brick parsonage, Arlington Ave., s of Townsend St.

Wilson & Hunting, three-st'y brick building, McCulloh St., bet. McMechen and Wilson Sts.

Mary E. Lechtidler, two-st'y brick store building, n e cor. O'Donnell and Chesapeake Sts.

R. F. Gardner, three-st'y brick building, n e cor. Chester and Monument Sts.

R. F. Gardner two or three st'y brick building, Monument St., w of Bond St.

Boston.

Warehouse. — A brick building, 20' x 80', is to be built at once on the cor. of Mercantile and Clinton Sts., for the Quincy Estate; W. G. Preston, of Boston, architect.

Alterations. — The old Somerset Baptist Church, from which the spire is now being removed, is to be altered over into a school-building for the "Boston University." The old front is to be torn down and a new one erected. Another floor will be put in on the gallery level, and other extensive alterations will be made inside for the purposes of the school. The contractors are Wm. M. Rumnery for the masonwork, and S. M. Chesley & Co. the carpenter-work; Mr. Wm. G. Preston, of Boston, is the architect; cost, about $15,000.

Building Permits. — *Wood. — Adams St.*, near River View St., Ward 24, for Patrick F. Burke, two-st'y dwell., 16' 10" and 24' 10" x 40' 9"; Patrick F. Burke, builder.

Pynchon St., No. 186, rear of, Ward 24, for Daniel Harvey, three-st'y dwell., 22' x 28'; John L. Dakin, builder.

Blue Hill Ave., near Waverley St., Ward 21, for Katherine L. Gavett, 2 two-st'y hip dwells., 19' 2" x 35' 4"; Burnham G. Dennett, builder.

Ericson St., rear of, Ward 24, for Putnam Nail Co., two-st'y mechanical building, 30' x 60'.

Parkman St., rear of, near Brooks St., Ward 25, for Lyman, Heavy & Rivett, boat-house, 13' x 35'; W. H. Lyman, builder.

Brooklyn.

Church. — The corner-stone of the new edifice of the Holy Trinity German Roman Catholic Church, at Montrose and Graham Ave., was laid on Thursday, May 18. It will cost $200,000. The dimensions are 88' x 170'. Two towers will raise to the height of 220'. The Rev. Michael May is pastor.

Newsboys' Home. — A new building for the newsboys' Home, at No. 61 Poplar St., is to be put up at a cost of $13,000.

Building Permits. — *Morton St.*, s s, 100' w Bedford Ave., three-st'y brownstone dwell.; owner, N. Pritchard; builder, C. L. Johnson.

Meeker Ave., n s, 75' e Graham Ave., three-st'y frame dwell.; cost, $4,500; owner, Louis Langenbacher, cor. Meeker and Graham Aves.; builder, John Rueger.

Greene St., No. 207, three-st'y frame tenement; cost, $3,800; owner, ——Snoroy, 107 Greene St.; architect, Fred. Weber; builders, Post & Gamble.

Floyd St., s s, 175' w Lewis Ave., two-st'y frame dwell.; cost, $3,200; owner, Mr. Bodenstedt, Ellery St., near Sumner Ave.; builders, George Strub and John Rueger.

New York Ave., n e cor. Prospect Pl., 2 three-st'y brownstone dwells.; cost, $10,000 and $14,000; owner, William H. Lyon, on premises; architect, George P. Chappell; builders, Cornelius King and Myron C. Rush.

New York Ave., n s, 50' e Prospect Pl., 2 three-st'y brownstone dwells.; cost, $10,000 and $11,000; owner, Anne P. Carpenter, cor. New York Ave. and Bergen St.; architect, George P. Chappell; builders, Cornelius King and Myron C. Rush.

Macon St., s s, 74' 4" e Verona Pl., 2 three-st'y brownstone dwells.; cost, each, $7,500; owner and carpenter, T. B. Jackson, 424 Clinton Ave.

Chicago.

Strike. — The strike of the bricklayers still continues to paralyze building operations, and the questions involved seem no nearer solution than ever. Many parties who had contemplated building this summer have put it off altogether until another season.

Building Permits.—Chicago West Division Railway Co., two-st'y and basement brick car storehouse, 46' x 165', Lumber St., w of Halsted; cost, $7,500.

E. Carroll, two-st'y dwell, 20' x 35', Grove Court, near Garfield St.; cost, $2,200.

John J. Pontius, two-st'y and basement brick dwell., 22' x 50', 60 Evergreen Ave.; cost, $4,000.

A. Thompson, three-st'y and basement brick flats, 28' x 70', 181 Dearborn Ave.; cost, $7,000.

Foss Estate, three-st'y and basement brick stores and flats, 75' x 110', 474 to 482 West Madison St.; cost, $50,000.

Mrs. Sarah McGuirk, two-st'y brick store and dwell., 1035 West Madison St.; cost, $5,000.

Cincinnati.

Prices and Material.—The price of material seems to be coming down somewhat. Brickwork laid in the wall, which has been as high as $15.00 per 1,000 can now be had for $11.00 and $12.00. Limestone is down to about $3.50 per perch, where location is favorable. Recent bids on carpenter-work also show a decline in prices of that department.

Strike.—The plasterers' strike is at an end. The men went to work at the advanced wages demanded, to wit, $3.50 per day. The strike lasted for nine weeks, the bosses gave in at last rather than put the other branches of the building trades to any further delay and consequent loss.

The strike of the carpenters lasted ten days and the men returned to work without gaining any material advantage.

Cleveland.

House.—Judge W. W. Boynton is to build a stone house cor. Euclid Ave. and Princeton St.

Barnum & Coburn, architects, are preparing drawings for a large frame house to be built on Willson Ave., bet. Third Ave. and Garden St., by Mr. C. A. Grasselli.

Car Stables.—The East Cleveland St. Railway Company will build brick street-car barns upon the site of their present temporary structures on Cedar Ave. in a few months.

Stores.—Geo. Worthington & Co. will build a large stone and brick block; Cudell & Richardson, Cleveland, architects.

Office-Building.—W. C. Seofield is to build a five-st'y brick and stone office-building, 97' x 102', cor. St. Clair and Academy Sts.

Warehouse.—C. W. Seofield, son of the above, is to build a five-st'y warehouse, 34' x 120', on St. Clair St.

Church.—The plans for the new First Congregational Church building have been submitted by Barnum & Coburn, and are approved. The church will stand on the cor. of Franklin Ave. and Taylor St. It will be built throughout of brick with stone finish.

Detroit, Mich.

Building Permits.—Seventy-four permits have been issued since our last report amounting to $151,690; those costing more than $2,000 are as follows: —

John Flinn, brick house, No. 69 Helen St.; cost, $4,000.

W. Y. Pepper, double frame house on Fourth St.; cost, $4,000.

Petrequin Bros., 2 frame houses on Fourth St.; cost, $4,600.

A. M. Gray, brick barn, No. 661 Woodward Ave.; cost, $2,500.

A. M. Gray, brick barn, Davenport St.; cost, $2,500.

New York.

Apartment-House. — Plans have been drawn for another large co-operative apartment-house to be built on the s e cor. of Fifth Ave. and Twenty-eighth St., fronting 121' on Twenty-eighth St., and 87' on the Avenue. It is to be built of brick, Belleville stone and terra-cotta, will be eleven stories and fire-proof throughout. It will accommodate 23 families, and is arranged so that parlors and dining-rooms will be two stories. The interior finish will be ebony, mahogany, etc. Servants' rooms, offices, etc., look out into a yard. The first floor is to be used for a Safe Deposit Co. and stores. There will be four elevators. The cost will be about $450,000; Mr. Chas. W. Clinton is the architect.

Flats and Stable. — Mr. J. W. Dexter proposes to erect, at Nos. 418 and 420 West Sixteenth St., a tenement-house, five-st'y, 50' x 63', and a stable, 25' x 59'.

Stable. — For Mr. R. M. Stives a carriage-depot, about 39' x 42', four-st'y and basement, is to be erected on East Thirty-first St., near Lexington Ave. It is to be of brick with blue-stone finish; Mr. Geo. M. Huss is the architect.

Kindergarten. — The corner-stone of a Working Man's School and Free Kindergarten building was laid in West Fifty-fourth St., near Sixth Ave., May 30. The building is being erected by the Society of Ethical Culture, of which Prof. Felix Adler is the central figure.

Church.—The corner-stone of the new building for the Calvary Baptist Church, at Sixth Ave. and Fifty-seventh St., was laid May 29. The new building will be of Lockport granite trimmed with Berea stone, 100' x 160'; J. R. Thomas is the architect, and Thomas F. Treacy the builder; it will cost $200,000 when finished.

Store. — Messrs. Park & Tilford are to have a store built on Fifth Ave., a little below Sixtieth St. It will cover a lot 50' x 100', and is to cost not less than $100,000; Messrs. D. & J. Jardine are the architects.

Stable. — A stable, to cost $60,000, brownstone front, is to be built on lots Nos. 302 and 304 West Sixty-third St., for Mr. Frank Work.

Hall of Records. — The Hall of Records has been condemned by the Grand Jury, who recommend the erection of a fire-proof building, 150' x 200', to be built of iron and granite.

Alterations. — The building on the s e cor. of Fifth Ave. and Twenty-ninth St. is to have a new front and a four-st'y addition built, 25' x 35'. It is to be occupied by Messrs. D. Neumann & Co.; Messrs. H. J. Schwarzmann & Co. are the architects.

Contracts.—Mr. Samuel Lowden is to be the builder of the Lincoln National Bank on Forty-second St.

Messrs. H. J. Schwarzmann & Co. have awarded the contracts for additions and alterations to Mt. Sinai Hospital, aggregating $40,000, to Mr. Alex. Brown for the mason-work, and Mr. Jno. Duffy for the carpenter-work.

The New York Mastic Works have been awarded the contract for the Rock Asphalt work at the Retreat Building, Blackwell's Island, for the Commissioners of Charities and Corrections.

Mr. Rd. Deeves has been appointed Superintendent of the Central Park Apartment-houses, to be erected on Fifty-ninth St., bet. Fifth and Sixth Aves.

Building Permits. — *Grand St., No.* 166, n w cor. Mulberry St., six-st'y brick factory; cost, $43,000; owner, S. V. R. Cruger, 112 East Thirty-fifth St.; architect, Wm. A. Potter, 121 East Twenty-third St.; builders, R. Deeves and L. H. Williams.

Broadway, Nos. 384 *and* 386, six-st'y brick, stone and iron store; owner, Richard T. Wilson, 2 Exchange Court; architect, J. M. Slade; builder, W. G. Slade.

Vandewater St., Nos. 24 *and* 26, eight-st'y brick printing-house; cost, $100,000; owner, N. L. Munro, 57 Seventh Ave., Brooklyn; architect, J. Morgan Slade; builders, K. L. Darragh and John Smith.

Broadway, n w cor. Forty-third St., eight-st'y brick and Belleville stone hotel; owners, Robert and Ogden Goelet, 261 Broadway; architect, H. Kafka; carpenters, Grissler & Fausel.

One Hundred and Twenty-sixth St., s s, 285' e Sixth Ave., 6 three-st'y brownstone dwells.; cost, $10,500; owner, Wallace P. Birdsall, 1360 Madison Ave.; architect, Louis E. Duenkel; builder, W. P. Birdsall.

Forty-third St., n s, 375' w Ninth Ave., five-st'y brick flat; cost, $16,000; owner, Margaret E. Niebuhr, 131 East One Hundred and Twelfth St.; architect, W. Scott West; builders, Niebuhr Bros.

Tenth St., s w cor. Ave. A, one-st'y brick church and three-st'y school and library building; cost, $100,000; owner, Rutherford Stuyvesant, 46 Exchange Pl.; architects, J. Renwick and Wm. R. Russell; builders, Peter T. O'Brien & Son.

Greenwich St., No. 205, five-st'y brick flat and store; cost, $20,000; owners, Harty Bros., 157 Greenwich St.; architects, La Baw & Son; builders, John Cuttey and Mulholland & Connolly.

Alterations. — *Pine St., No.* 63, rebuild east party-wall, raised front and rear; cost, $6,000; owner, Edmund H. Schermerhorn, 68 Wall St.; architect, H. J. Hardenbergh.

Fourth Ave., e s, 25' s Sixty-eighth St., three-st'y brick extension; cost, $10,000; owner, Ruhneman Hospital, 247 West Fifty-first St.; architect, J. E. Terhune.

East Thirty-seventh St., Nos. 128 *and* 130, one and two st'y brick extension, etc.; cost, $3,000; owner, John A. Stewart, Lexington Ave., n e cor. Thirty-seventh St.; architect, J. D. Lord; builders, McKenzie & McPherson.

East Eighteenth St., No. 228, raised two feet, flat roof, interior alterations, etc.; cost, $3,000; owner, Wm. Arenfred, 137 Norfolk St.; architect, F. Jonth; builder, not selected.

West Thirty-first St., No. 352, three-st'y brick extension; cost, $2,500; owner, Pauline Werner, 352 West Thirty-first St.; architects, H. J. Schwarzmann & Co.; builder, Peter Wagner.

Sixty-ninth St., No. 11, one-st'y and basement brick extension; cost, $8,000; owner, R. L. Ludington, on premises; architect, G. E. Harney; builder, not selected.

Broadway, No. 65, interior alterations, etc.; cost, $2,000; owner, American Express Co., 64 Broad-

ISH CHANNEL.— There comes from he two countries by rail, but it bridge, and instead of the Dover- few miles westward, from Folke- rd de Sainte-Anne is the author of derable progress on bristol-board His office in Paris is said to be a cifications. Some parts of his de- ers for an open iron frame-work, He would build the great bridge es or so) high enough to permit of large and small, and the pictures roudly away below the roadbed, flying breeze. Sometimes his n of the sea, at others the founda- at still others there are subma- way on which he might build. —

statuary, rare and admirable, re- dian Venus lie hidden, the match- ich a certain youth was so love- The Colossus of Rhodes was f Chares of Lindum It stood up- ell in mighty ruin, caused by the en consecrated to the sun, the held sacred, and so it remained Rhodes, when nine hundred camels t the famous image and quietly House of Nero, at Rome, hard by s, one hundred and twenty feet Some say that a huge hand is still this mighty statue. When the Leo the Isaurian, at Constanti- e intestine of a dragon (?), one n was written the whole of the id. — *All the Year Round.*

Linant Bey in regard to Lake sius, has been accepted without ecording to this view the dimen- exaggerated, and it had less than n ascribed to it; but Mr. White- mination of the text, the extreme s, has now proved that the facts stitute of foundation. A vast in places, over 150 feet and fulfil all the require- a question of great interest, not but also because the Khedival n of continuing these researches k, which even in the Augustan engineering triumph ever accom-

DRAWINGS. — Tilhet's method of is thus described in the *Polytech-* ch the copy is to appear is first of white soap, 30 parts of alum, albumen, 2 parts of glacial acetic s, and 500 parts of water. It is ich contains 50 parts of burnt lampblack, 10 parts of English ash in 500 parts of water. The must therefore be preserved in the positive print another bath that lampblack is substituted for positives the black is replaced by making the copy, the drawing to printing-frame, and the negative in the usual manner. In clear ies will suffice. After the ex- to develop it, and the drawing in other words, it is a negative ried and a positive made from g-frame, and laying the positive After placing the frame in the aken out and put in water. The y of moving it back and forth.

nion formerly so prevalent, that ly soil, appears to be successfully o cites as evidence not only that arshy, but that, speaking roughly, stricts of Italy are situated on fact, that sometimes the surface ng the summer, but the produc- the same, provided they are kept nditions of the subsoil, and the s or crevices in the surface. The and others further show, that e air is so necessary to the devel- which the malaria is due, that the nuous when the soil is completely gs, and the like, may act in the t of the plant by cutting off the ven after the lapse of years or of ter air is restored, while the other recovers its noxious properties. —

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258,874. BRUSH. — James F. Bartlett, Cleveland, O.

258,900. FLOOR. — William L. Dolbeare, West Newton, Mass.

258,918. HEATING-SYSTEM. — Benjamin R. Hawley, Chicago, Ill.

258,922. FIREPLACE. — Charles Holland, Chicago, Ill.

258,929. JAIL, PRISON, AND GRATING BAR. — Geo. Kinsey, Wyoming, O.

258,960. DIE-STOCK. — Benjamin L. Walker, Sing Sing, N. Y.

258,971. REED-PLANE. — Frederick V. Yeager, Philadelphia, Pa.

258,975. PAINT. — Edwin Bennett, Hornellsville, N. Y.

258,978. TURRET FOR SKYLIGHTS. — Adam Bickelhoupt and George Bickelhoupt, New York, N. Y.

258,980. VISE. — John A. Blake, Watertown, N. Y.

258,982. CHIMNEY-CAP. — Joseph Borland, Valencia, Pa.

258,986. LOCKING-LATCH. — Richard Burk, Schwenningen, Wurtemberg, Germany.

258,988. BENCH-PLANE. — William S. Case, New Britain, Conn.

259,000. MORTISING-MACHINE. — William H. Doane and George W. Bugbee, Cincinnati, O.

259,030. WOOD-PRESERVING COMPOSITION. — John C. Marshall, Oakland, Cal.

259,035. AIR-INJECTING VENTILATOR. — Patrick Mihan, Chelsea, Mass.

259,037. FIRE-EXTINGUISHER. — Wm. Morrison, Toronto, Ontario, Canada.

259,039. MANUFACTURE AND LAYING OF COMPOSITE PAVEMENTS. — Peter Stuart, Edinburgh, County of Mid-Lothian, Scotland.

259,074. WASH-BOWL AND STAND. — John B. Atwater, Chicago, Ill.

259,080. REVERSIBLE WINDOW. — Henry Becker, New York, N. Y.

259,104. AUTOMATIC FLOOR FOR ELEVATOR-SHAFTS. — Ellen L. Demorest, New York, N. Y.

259,155. SASH-CORD PULLEY. — Cassius Holton, Reading, Pa.

259,164. CALIPERS. — George W. Jopson, Meriden, Conn.

259,165. BRICK AND MORTAR ELEVATOR. — William A. Jordan, New Orleans, La.

259,191. COMBINED SHUTTER-WORKER AND BLIND-SLAT OPERATOR. — Bela G. Merrill, Geneva, Wis.

259,211. WORK-BENCH ATTACHMENT. — Jonathan B. Richards, Wager, Ark.

259,229. DOOR-HANGER. — Alfred L. Scranton, Rochelle, Ill.

259,228. READY-MADE ROOFING-FELT OR OTHER MATERIAL. — Ozias A. Smith, Atlanta, Ga., and Frederick L. Kane, Brooklyn, N. Y.

259,256. SINK OR HYDRAULIC TRAP. — John F. Withey, Lynn, Mass.

259,279. FIRE-ESCAPE. — Max L. Rose and E. Whitfield South, Anderson, S. C.

SUMMARY OF THE WEEK.

Baltimore.

BENNETT MEMORIAL M. E. CHURCH. — The corner-stone of this building was laid on the corner of Fremont and Warner Sts., on June 7th, last; the structure is to cost from $10,000 to $12,000; it together with the site are gifts of Mr. B. F. Bennett, a Baltimore builder, and wife, as a memorial for Allen Bennett, a son. The church will be 41' x 63', with a Sunday-School side building, 37' x 42', and an infant-class room, 22' x 24'; the main auditorium and other departments are to be so arranged as to permit of being thrown into one large room when desired. Material, local granite, with white marble finish.

BUILDING PERMITS. — Since our last report thirty permits have been granted, of which the more important are as follows: —

Simon R. Small, 2 two-st'y brick buildings, Green Ct., rear of Williams St., bet. Hamburg and Cross Sts.

Dr. Thos. Baxley, two-st'y brick building, rear of s e cor. Madison Ave. and McMechen St.

Ely Roberts, two-st'y brick stable, rear of Wolf St., bet. Orleans and Jefferson Sts.

Wm. Santer, 2 three-st'y brick buildings, Fayette St., bet. Arch and Pine Sts.

George Ran, 3 two-st'y brick buildings, n w cor. O'Donnell St. and Harris Alley.

John Hopkins University, three-st'y stone and brick building, with mansard roof, Eutaw St., bet. Little Ross and Franklin Sts.

John Hopkins University, three-st'y building, with mansard roof, rear of Howard St.

An trew Reiter, three-st'y brick building and two-st'y brick stable, Pratt St., bet. Chapel and Wolf Sts.

Geo. C. Hershman, 3 two-st'y brick buildings, Madeira Ct., bet. Bank and Gough Sts.

G. Rosenstock, one and two st'y building, s e cor. Wolf and Thames Sts.

Victor D. L. Gelston, 3 two-st'y brick buildings, s w cor. Front and Plowman Sts., fronting on Front St.

George M. Lamb, two-st'y brick stable, on alley, in rear of Fulton St., s of Mosher St.

Magdalene Huffman, three-st'y brick building, Greenmount Ave., bet. Eager and Madison Sts.

M. Corcoran, one-st'y brick building, 28' x 70', Hughes St., bet. Johnson and Williams Sts.

Chs. Struth, two-st'y brick stable, in rear of Camden St., bet. Hanover and Sharp Sts.

Luther M. Reynolds, 2 two-st'y brick buildings, in rear of Chestnut St., bet. Fayette and Douglass Sts.

Boston.

WAREHOUSE. — A four-st'y brick warehouse, measuring 100' square, is to be built on Eastern Ave., from plans of Henry J. Preston, architect, Boston; Mr. N. S. Wilbur, of Boston, contractor; cost, about $35,000.

BUILDING PERMITS. — *Brick.* — *Fairfield St., No.* 21, cor. Commonwealth Ave., Ward 11, for Nathaniel Thayer, Jr., four-st'y dwell., 47' 2" x 82'; D. Connery & Co., builders.

Washington St., Nos. 985-991, Ward 16, for Robert Treat Paine, Jr., five-st'y club and store, 52' x 112'; Geo. W. Pope.

Commonwealth Ave., cor. Exeter St., Ward 11, for Nathan Matthews, four-st'y mansard dwell., 30' 9" x 74' 6"; H. McLaughlin, builder.

Green St., opposite Brookside Ave., Ward 23, for Patrick Meehan, two-st'y and mansard Hotel Meehan, 41' 6" and 45' x 62'; Thomas J. Tobin, builder.

Columbus Ave., near Berkeley St., Ward 11, for People's Church Society, people's church, 94' x 114'; Sampson, Clark & Co., builders.

Marlborough St., No. 188, Ward 11, for J. E. Peabody, four-st'y dwell., 32' x 73' 2"; A. Anderson builder.

Avon St., No. 18, Ward 10, for Jordan, Marsh & Co., mercantile building, iron and brick, 25' 9" x 77', one st'y, and six st'y, 40' x 76'; T. E. Stuart, builder.

Chestnut St., Nos. 138-140, Ward 9, for Riverside Club, three-st'y club stable, 68' 4" x 70'; Geo. G. Nichols, builder.

Beach St., No. 135, cor. South St., Nos. 168-170, Ward 12, for James Collins, four-st'y mercantile building, 26' 9" x 88' 10".

Brookside Ave., rear of, near Chemical Ave., Ward 23, for Cable Rubber Co., boiler-house, 26' x 36'; H. W. Leach, builder.

Gloucester St., near Newbury St., Ward 11, for Chas. A. Morss, 2 dwells., 22' 3" x 50', and 2 two-st'y and mansard dwells., 22' 9" x 50'; Samuel T. Ames, builder.

Wood. — Border St., rear of No. 296, Ward 1, for John F. Slattery, carriage-house, 15' x 22'; John F. Slattery, builder.

Unnamed St., near Covey St., Ward 23, for Chas. B. Botsford, two-st'y dwell., 30' and 33' x 37' 9"; W. S. Mitchell, builder.

Washington St., rear, near Keyes St., Ward 23, for M. D. Ross, storage of flax, 50' and 56' x 56'; Wm. Carpenter, builder.

Euclid St., near Withington St., Ward 24, for Joseph M. Pike, two-st'y dwell., 21' and 28' x 29.

Quincy St., near Columbia St., Ward 24, for Daniel Seavey, two-st'y dwell., 25' x 35'.

Highland Ave., near Cambridge St., Ward 21, for James Bauer, two-st'y dwell., 21' x 30'; Jacob Lulpold, builder.

Rutherford Ave., nearly opposite Lincoln St., Ward 4, wagon-shed, 36' x 71', for G. M. Scott and Edmund Bridge; Mark Leighton, builder.

Walnut Ave., near Dale St., Ward 21, for Wm. Donaldson, two-st'y dwell., 22' x 32'; Wm. Donaldson, builder.

Lamartine St., near Wyman St., Ward 23, three-st'y dwell., 22' x 36', for John Spelmon; John Spelmon, builder.

A St., rear of, near Richards St., Ward 13, for Wm. H. Dale, storage fertilizing materials, 20' x 100'; Chas. Flemming, builder.

Meteille Ave., rear, near Washington St., Ward 24, for Edward C. Wheeler, stable, 28' x 36'; Edw. McKechnie, builder.

Cottage Ave., rear of, near Centre St., Ward 23, for Israel G. Whitney, stable, 24' x 50'; George A. Spear, builder.

Maple St., rear of, cor. Schuyler St., Ward 21, for James A. Houston, stable, 28' x 42'; McNeil Bros., builders.

Anawan Ave., near Central Station, Ward 23, for Peter Swaaben, two-st'y hip dwell., 22' and 27' x 33'; W. J. Mitchell, builder.

West Sixth St., near D St., Ward 13, for Patrick Gorham, three-st'y dwell., 22' x 40'; Wm. Glynn, builder.

Brooklyn.

REMOVAL. — The Building Department of the City of Brooklyn has been removed to its new quarters in the basement of the old City-Hall, on the Court Street and Joralemon Street corner.

CHURCH. — The corner-stone of the new Memorial Presbyterian Church, at the cor. of St. John's Place and Seventh Ave., was laid June 1.

BUILDING PERMITS. — *Quincy St.*, s s, 200' w Tompkins Ave., 6 three-st'y brick dwells.; cost, $6,000; owner, John P. Hudson, 189 Montague St.; architect, Amzi Hill; builders, P. Sullivan and Francis Weeks.

Third Ave., s e cor. Fifty-fifth St., three-st'y brick store and tenement; cost, $5,000; owner, Patrick Murtagh, Third Ave. and Seventeenth St.; architect, Thomas F. Houghton.

Berkeley Pl., s s, 159' e Seventh Ave., 2 three-st'y brownstone dwells.; cost, $8,500; owner, architect and builder, John Magilligan, 56 Berkeley Pl.

Putnam Ave., n e cor. Nostrand Ave., 4 four-st'y brick tenements; cost, $5,000; owner and build er Thos. Ell on; architect, P. M. Smith.

Quincy St., n s, 153' 3" w Lewis Ave., 4 three-st'y brick tenements; cost, $5,500; owner, John P. Hudson, 189 Montague St.; architect, F. Weekes; builder, P. Sullivan and F. Weekes.

Van Buren St., s w cor. Throop Ave., 3 two-st'y brownstone dwells., and three-st'y brownstone store and dwell.; cost, $3,000 each; owner and builder, P. Concannon, 156 Wythe Ave.; architect, J. D. Reynolds.

Bushwick Boulevard, n w cor. Vandevoer St., two-and-a-half-st'y frame hotel; cost, $5,500; owner, Franz Steinbacher, Hopkins St., near Sumner Ave.; architect, John Platte; builder, John Rneger.

Nostrand Ave., n e cor. Kosciusko St., three-st'y brick store and flats; cost, $5,000; owner and builder, M. J. McLaughlin, 100 Kosciusko St.; architect, R. B. Eastman.

Franklin Ave., s e cor. Butler St., 11 two-st'y brick dwells.; cost, $3,500 each; owner and carpenter, E. Hatch, 16 Court St.

Adams St., e s, between Myrtle Ave. and Willoughby St., four-st'y brick factory; cost, $20,000; owner, James Howell, 8 South Portland Ave.; architect, Wm. A. Mundell; builder, P. J. Carlin and W. C. Booth.

Quincy St., s s, 200' e Nostrand Ave., 2 three-st'y brownstone dwells.; cost, $11,000 each; owner, Calvin Potter, Quincy St., near Van Nostrand Ave.; architect and builder, Edward Van Voorhis.

Monroe St., n e s, 19' 6" s e Reid Ave., 5 two and three st'y brownstone dwells.; cost, each, $3,500; owner, W. G. Browning, Poughkeepsie, N. Y.; architect, W. W. Browning; builder, G. F. Chapman.

Reid Ave., n e cor. Monroe St., two-st'y brownstone dwell.; cost, $4,000; owner, architect and builder, same as last.

Douglass St., s w cor. Gowanus Canal, 2 one-st'y frame buildings; cost, $3,500; owner, P. G. Hughes, on premises; builder, P. F. O'Brien.

Lorimer St., w s, 70' s Norman Ave., 7 frame dwells.; cost, total, $14,000; owner, architect and carpenter, David Atkin, 90 Diamond St.; mason, B. R. Sturges.

Evergreen Ave., n e cor. Myrtle Ave., three-st'y frame store and tenement; owner and builder, Henry Loefler, 192½ Stockton St.

De Kalb Ave., intersection Myrtle Ave., three-st'y brick store and dwell.; cost, $6,000; owner, S. Brandeecha, 19 Cumberland St.; architect, J. D. Reynolds.

Hancock St., No. 704, three-st'y brick dwell.; cost, $4,000; owner, Mrs. Wornier, 702 Hancock St.; architect, J. E. Dwyer; builders, Nolan & Morrison.

Hicks St., e s, 150' s Joralemon St., 4 two-st'y brick coach-houses and stables; cost, each, $5,000; owner, R. F. Bush; builders, H. O'Brien and W. Durm.

Stockholm St., s s, 275' e Evergreen Ave., three-st'y frame dwell.; cost, $3,000; owner, Wm. Walsh, 62 Elm St.; architect and carpenter, Robert Ford; mason, C. Collins.

Van Buren St., s s, 180' e Stuyvesant Ave., 15 three-st'y dwells; cost, each, $1,700; owner, Richard Lee, Gates Ave.; architect, B. T. Robbins; builders, E. K. Robbins and J. M. Sager & Sons.

Stagg St., n s, 450' w Waterbury St., three-st'y frame tenement; cost, $5,000; owner, Mrs. Schneider, Bushwick Ave. and Stagg St.; architect, John Platte; builders, Ulrich Maurer and John Frey.

ALTERATIONS. — *Grand Ave.*, cor. Graham Ave., raise one st'y; cost, $2,450; owner, Mrs. Finnegan, Graham Ave., near Grand Ave.; architect, W. B. Ditmars; builders, J. Dunn and O. H. Doolittle.

President St., No. 286, raised one st'y; also, three-st'y brick extension; cost, $3,400; owner, C. Bosher, on premises; architect and builder, Eli Osborn.

Myrtle Ave., No. 681, one-st'y addition; cost, $2,000; owner, N. Evans, 391 Bedford Ave.; architect, S. Harbison; builders, J. Rule and J. Hough.

Joralemon St., No. 95, add one st'y and new three-st'y brick extension; cost, $8,000; owner, Thomas E. Stillman, on premises; architect, R. B. Eastman; builders, Thos. B. Rutan and Long & Barnes.

Marcy Ave., s w cor. Keap St., one-st'y addition; cost, $10,000; owner, Reformed Episcopal Church.

Chicago.

STRIKE. — The strike of the brickmakers has finally come to an end. Prices of brick have declined, and in consequence building operations have been resumed, and the outlook is good for an active season.

BUILDING PERMITS. — Third Swedish M. E. Church, brick basement, 20' x 70', 3259 Fifth Ave.; cost, $5,000.

J. J. Curran, three-st'y and basement brick dwell., 48' x 48', 530 and 532 West Jackson St.; cost, $5,000.

R. W. Prendergast, three-st'y and basement brick dwell., 24' x 54', 534 W. Jackson St.; cost, $4,000.

J. Koutnick, three-st'y and basement brick dwell., 21' x 56', 557 Nineteenth St.; cost, $4,000.

Frank Kreice, two-st'y brick dwell., 846 North Ashland Ave.; cost, $2,500.

J. Kotowsky, two-st'y brick dwell., 21' x 50', 474 Twentieth St.; cost, $2,500.

Merchants' Parcel Delivery Co., one-st'y brick building, 16' x 70', 98 Jackson St.; Geo. G. Garnsey, architect; Wm. Goldie, builder; cost, $2,300.

E. H. Bessa, two-st'y brick flats, 21' x 52', 28 North Elizabeth St.; cost, $3,500.

E. J. Lehman, four-st'y and basement brick store and flats, 23' x 38', 9 Polk St.; cost, $5,000.

N. Johnson, two-st'y and basement brick shop and dwell., 32' x 52', 220 Townsend St.; cost, $2,500.

G. P. Adams, to put mansard roof, 23' x 56', on dwell., No. 2118 Indiana Ave.; cost, $3,000.

Ezekiel Morrison, two-st'y brick dwell., 24' x 64', 3722 Lake Ave.; cost, $4,000; W. H. Drake, architect.

Board of Education, two-st'y basement and attic brick school-house, 75' x 85', Twentieth St., bet. Johnson and Halsted Sts.; cost, $40,000.

Board of Education, two-st'y basement and attic brick school-house, 75' x 85', Central Park Ave. and Twenty-fifth Sts.; cost, $40,000.

J. Russell Jones, two-st'y brick addition, 19' x 30', 2408 Michigan Ave.; cost, $3,500.

F. Stamek, two-st'y and basement brick dwell., 21' x 50', Loomis and Nineteenth St.; cost, $3,850.

Wm. Kern, four-st'y and basement brick dwell. and store, 25' x 84', 292 Milwaukee Ave.; cost, $8,000.

Charles Brookman, two-st'y and basement brick dwell., 20' x 40', 256 Jenny St.; cost, $2,200.

F. H. Seymour, store, irregular shape, 303 and 305 Jackson St.; cost, $13,000.

W. H. Higgins, three-st'y brick, with stone trimmings, 23' x 57', 155 Douglass Ave.; cost, $4,000; L. D. Cleveland, architect.

N. Olesun, two-st'y and basement brick dwell., 86 Park Ave.; cost, $4,000.

John Ruddy, three-st'y brick flats, 22' x 70', 28 Weston St.; cost, $4,500.

A. Klatz, two-st'y brick dwell., 22' x 70', 23 Samuel St.; cost, $3,500.

J. F. Wischbeck, two-st'y brick dwell., 22' x 44', 166 Seminary Ave.; cost, $3,000.

John Schneider, two-st'y brick dwell., 22' x 50', 63 Goethe St.; cost, $4,500.

Wm. Hancox, two-st'y and basement brick dwell., 22' x 46', 16 Evergreen Ave.; cost, $3,000.

C. L. Fredrick, two-st'y flats, 48' x 68', 382 and 384 Fulton St.; cost, $13,000.

R. S. Shepard, six-st'y and basement brick store, 73' x 80', Adams and Market Sts.; cost, $60,000.

B. L. Anderson & Co., two-st'y brick office and dwell., 3828 Laurel St.; cost, $4,500.

G. E. & F. W. Farrell, three-st'y dwell., 24' x 50', 2705 Indiana Ave.; cost, $9,000.

A. Lehn, two-st'y brick dwell., 22' x 46', 642 West Fifteenth St.; cost, $2,500.

Mrs. Wilson, two-st'y and basement brick dwell., 21' x 40', 627 North Roby St.; cost, $4,500.

J. J. Bufton, two-st'y and basement brick flats, 25' x 55', 236 Irving Pl.; cost, $3,500.

College of Physicians and Surgeons, three-st'y basement and attic brick college-building, 70' x 100', Harrison and Honore Sts.; cost, $60,000.

A. Rogerson, two-st'y brick dwell., 25' x 69', 68 Lincoln Ave.; cost, $5,000.

W. Peters, one-st'y brick cottage, 20' x 35', 148 Osgood St.; cost, $3,000.

Thos. Maloney, two-st'y brick dwell., 21' x 50', 3559 Dearborn St.; cost, $2,200.

C. F. Bulkley, two-st'y dwell, and barn, 681 Washington St.; cost, $6,400.

C. P. Kimball, two-st'y and basement brick dwell., 44' x 50', Ontario St.; cost, $10,000.

Cincinnati.

Printing Office.—Messrs. Russel, Morgan & Co. are having plans prepared for a new printing house on Eggleston Ave.; the building will be brick, 80' x 220', six st'y, and cost about $50,000; Mr. Henry Bevis, architect.

Hotel.—The Carlisle Estate is to build another large addition to the St. Clair Hotel, cor. of Mound and Sixth Sts.; Mr. A. C. Nash, architect.

Houses.—Mr. Jas. W. McLaughlin is preparing plans for a wooden house for Mr. E. W. Cunningham, on Mount Auburn; cost, $15,000.

Building Permits.—Since our last report the following building permits have been issued:

C. W. Agin, two-st'y frame, Kenton St.; cost, $4,000.

E. W. Cunningham, two-st'y frame dwell., Auburn Ave.; cost, $10,000.

John Riehing, one-st'y frame dwell., Calhoun St.; cost, $1,600.

P. Hoyle, two-st'y frame dwell., Donahue St., near Hammond St.; cost, $2,500.

Sam'l Jones, 2 one-st'y frame dwells., Sixth St., near Gilbert Ave.; cost, $3,000.

Sam'l Hoffmeir, two-st'y brick dwell., Seventh St., bet. Linn and Bay Miller; cost, $6,000.

Chas Wichmann, three-st'y brick, Rachel St., near Third Ave.; cost, $7,000.

Ahrens Mfg. Co., addition to brick factory, Webster St., near Main; cost, $3,500.

25 permits for repairs; cost, $12,000.

Total permits to date, 302.

Total cost to date, $765,700.

Denver, Col.

Street R. R. Car-Stables.—Brick car-stables, 101' x 119', Thirty-third St.; cost, $8,000; R. S. Roeschlaub, architect.

Business Blocks.—F. J. Bancroft, three-st'y brick business block, 51' x 100', Sixteenth St.; cost, $29,400; R. S. Roeschlaub, architect.

Jas. E. Bates, two-st'y brick business block, 50' x 60', Blake St.; cost, $6,000; F. Edbrooke, architect.

Moritz Barth, four-st'y brick business block, 50' x 125', Blake St.; cost, $26,000; F. C. Eberly, architect.

E. P. Block, two-st'y brick business block, 25' x 40', Arapahoe St.; cost, $3,460; E. P. Brink, architect.

Davis, Creswell & Co., four-st'y brick business block, 100' x 125', Blake St.; cost, $26,000; Edbrooke & Co., architects.

Elizabeth M. Byers, three-st'y brick business block, 50' x 100', Arapahoe St.; cost, $27,000. J. H. Littlefield, architect.

Conrad Walbrach, three-st'y brick business block, 50' x 125', Sixteenth St.; cost, $24,000; Mr. Quayle, architect.

Dwellings.—Geo. F. Shutz, two-st'y double brick dwell., 32' x 55', Glenarm St.; cost, $5,000.

C. Hager, two-st'y brick dwell., 23' x 55', South Fifteenth St.; J. H. Littlefield, architect.

Chas. L. Dow, two-st'y brick dwell., 22' x 40', East Seventeenth St.; cost, $3,200.

Conrad Walbrach, two-st'y brick dwell., 34' x 65', Sherman St.; cost, $6,000; F. C. Eberley, architect.

John Ray, 2 one-st'y dwells., 23' x 50', Champa St.; cost, $4,500.

Erastus Bennett, 6 brick tenement-houses, 31' x 127', California St.; cost, $9,550.

Mrs. Wormington, two-st'y double brick dwell., 34' x 43', Curtis St.; cost, $5,000.

Martha E. Pendegast, two-st'y brick dwell., 25' x 50', Champa St.; cost, $3,500.

W. A. Rhodes, two-st'y brick dwell., 28' x 44', South Fifteenth St.; cost, $4,000.

J. G. Moore, two-st'y brick dwell., 36' x 100', Welton St.; cost, $16,000; J. H. Littlefield, architect; also, two-st'y brick dwell., 53' x 57', Twenty-second St.; cost ,$9,000.

David Allen, two-st'y brick dwell., 20' x 50', Stout St.; Nichols & Cammann, architects; cost, $4,000.

John Milheim, two-st'y double brick dwell., 44' x 70'; cost, $14,000.

M. W. Howard, 2 one-st'y brick dwells., 22' x 46', Grant Ave.; cost, $4,000.

Mrs. Mary C. Bliss, three-st'y brick dwell., 26' x 125', Blake St.; cost, $10,000; Nichols & Cammann, architects.

Mrs. Claire M. Parker, two-st'y brick dwell., 37' x 50', Champa St.; cost, $9,000; also dwell., 30' x 50'; cost, $8,000,

Detroit.

Houses.—A. C. Varney, architect, has the following work on hand:—

Brick dwell., No. 130 Alexandrine Ave.; cost, $15,000.

Brick dwell., No. 575 Cass Ave.; cost, $12,000,

2 frame dwells., East Fort St.; cost, $4,000.

Frame dwell., Alexandrine Ave.; cost, $2,400.

Frame dwell., No. 625 Second St.; cost, $4,700.

Frame dwell., No. 61 Jay St.; cost, $3,200.

In General.—Very few buildings of importance are in contemplation for the coming season and there is an eagerness and close competition among contractors in consequence.

Building Permits.—Honey & Sheridan, frame house, No. 53 Joy St.; cost, $2,500.

M. A. Adams, double brick house, No. 50 Spencer St.; cost, $4,000.

John Holmes, frame house, East Fort St.; cost, $2,100.

Martin Scholl & Son, brick house, No. 96 Alfred St.; cost, $10,000.

J. Fairbairn, addition to brick house, Nos. 90 and 92 East Columbina St.; cost, $2,500.

Theo. Otjen, double brick dwell., No. 21 Twenty-second St.; cost, $4,000.

W. G. Vinton, frame house, Third Ave.; cost, $2,400.

W. G. Vinton, 5 brick houses, Park St.; cost, $20,000.

Joseph Taylor, brick house, Davenport St.; cost, $11,500; Gordon W. Lloyd, architect.

Minneapolis, Minn.

Houses.—C. G. Vanstrom has the foundation in for an $8,000 house on Chicago Ave., near Franklin, and Chas. A. Holmberg is building on the adjoining lot.

O. C. Larson is building a double house on s s Ninth Ave. and Twenty-second St., to cost abt. $3,500.

G. Peterson has commenced a $9,000 house on Cedar Ave., near Layman's.

Chas. Layman is building a $3,500 house on Cedar Ave., bet. Twenty-eighth and Twenty-ninth Sts., and Cobb & McLean are building two $1,800 houses on lots adjoining.

Geo. A. Hanson is building 10 small houses at the cor. of Twenty-eighth St. and Twenty-eighth Ave., and Brown & Patten 5 houses on Twenty-seventh St., near the Milwaukee shops.

J. Lange is building a double tenement-house on the s cor. of Fifth St. and Nineteenth Ave.; cost, $4,000.

Thos. Dunn is building a $3,000 house on Seventh St., below Nineteenth Ave.

J. B. and W. L. Bassett are to build a double house with a cut-stone front, cor. of Tenth St. and s s Seventh Ave.; cost, $20,000.

John Worman is to build, cor. s s Sixth Ave. and Eighth St., 8 fine residences, cost abt. $32,000.

M. B. Koon is to build a $10,000 house on Eighth St. and Seventh Ave.

Dr. C. E. Rogers is to build a block of 4 tenements of stone, and three stories, on Nicollet St., Nicollet Ave.

J. W. Winslow is to build 2 double houses; cost, $10,000; after plans by E. S. Stephens, on Seventh Ave. and s of Fourth Ave.

Henry B. Beard is to build 25 houses in the Lincoln St. supplement to the East Side addition.

Kees & Fisk have drawn plans for $2,000 house.

Henry Rodetstedt is building a double house on Fourth St., bet. Fifth and Sixth Aves., n, to cost, $3,000.

Charles Young is building a $2,500 house on Hawthorne Ave. opposite E. M. Wilson's.

J. W. Miltmer is building a house on Seventh St., bet. Fifteenth and Sixteenth Aves., n; cost, $3,500.

H. M. Leighton is building a house on the cor. of Twelfth Ave., n, and Eighth St.; cost, $3,000.

Stores.—Martin Bufferding is building a store, cor. of Sixth St. and Plymouth Ave.

John Schoekwaller is building a two-st'y frame store, with a front of 47' on Hennepin Ave., bet. Fourteenth and Fifteenth Sts.

W. Knight is building a two-st'y frame store on Washington Ave. bet. Fourth and Fifth Ave., n.

Mrs. Shubeker is building a store on Washington Ave. bet. Fourth and Fifth Aves., n.

Railway Stables.—Work has begun on the stables for the Monroe St. extension of the street railway. The barn will be 80' x 100', and will cost, $8,500.

The *Pioneer Press* reports the following:—

Business Buildings.—W. W. Parker is to build a two-st'y building on Fourth St., near the s cor. of Second Ave.

Robert Kn[illegible]off is to build a two-st'y store building on the cor. of Franklin and Minnehaha Ave.; cost, $5,000.

Frank J. Mackey is to build a seven-st'y building at the cor. of Fifth St. and Nicollet Ave.

Warren B. Dunnell has prepared the plans for a three-st'y frame building on the triangular piece of ground on s s Sixteenth Ave. and Cedar Ave.

C. H. Rittel and A. F. Kenyon are to build 4 stores on Sixth St.

New York.

Apartment-House.—Another magnificent apartment-house is to be built on Fifth Ave., which is to be fire-proof throughout. It is to cost $800,000.

Residence.—Plans have been prepared for a residence for Mr. Russell Sage, to be built on the n w cor. of Eighth Ave. and Ninetieth St.

Church.—A new church is to be built by the Society of the Broadway Tabernacle, at Nos. 455, 457 and 459 Sixth Ave. The building will be 74' wide and 100' deep.

Alterations.—Mr. H. E. Fisk's residence, No. 2017 Fifth Ave., is to receive improvements, including a bay-window, to cost $2,500, and Mr. Theron S. Strong's house, on West Fifty-second St., is to be extensively decorated, both from designs of Messrs. J. C. Cady & Co.

Building Permits.—*Eldridge St., No.* 163, four-st'y brick factory: cost, $4,000; owner, Cornelia A. Kip, 326 Pleasant Ave.; builder, James M. Seaman.

East Fifty-seventh St., Nos. 220 *and* 222, 2 two-st'y brick and granite stables; cost, each, $8,500; owner, William B. Baldwin, 145 West Fifty-fifth St.; architect, Geo. B. Pelham: mason, D. Kennedy.

One Hundred and Twenty-fifth St., s s, 125' e Seventh Ave., 2 five-st'y brownstone flats: cost, each, $15,000; owner, Catharine Fettretch, 112 West One Hundred and Twenty-fifth St.; architect, D. J. McRae; builder, John Fettretch.

Eighty-seventh St., s s, 62' e Lexington Ave., 2 four-st'y brownstone dwells.; cost, $14,000; owner, Patrick McQuade, 157 East Eighty-second St.; architect, A. B. Ogden.

One Hundred and Fourteenth St., s s, 80' w Lexington Ave., four-st'y brick double flat; cost, $17,000; owner, Thomas F. Treacy, 50 East One Hundred and Twenty-third St.; architect, R. Rosenstock.

East Eighteenth St., No. 169, four-st'y brick and freestone stable: cost, $18,000; owner, Wm. P. and A. M. Parsons, 184 East Sixty-fourth St.; architect, Wm. Baker.

East Thirty-third St., No. 251, five-st'y brick cigar-factory and stable in rear; cost, $12,000; owner, Berhard Metzger, 627 Second Ave.; architect, Rd. Wirth, Jr.

One Hundred and Twenty-ninth St., s s, 125' e Eighth Ave., 6 four-st'y Ohio-stone apartment-houses; cost, each, $18,000; owner, Jas. Fretrer, Brooklyn; architect, Chas. Baxter.

West Fifteenth St., No. 158, five-st'y brownstone tenement: cost, $20,000; owner, Christopher Mooney, 229 West Forty-eighth St.; architect, C. F. Ridder, Jr.

Eighth Ave., s e cor. One Hundred and Twenty-ninth St.; 5 four-st'y brick apartment-houses; cost, each, $14,000; owner, Wm. K. Forster, 760 Lafayette Ave., Brooklyn; architect, S. M. Styles.

Delancey St., s w cor. Chrystie St., five-st'y brownstone tenement; cost, $12,000; owner, Henry R. Mount, 359 Pearl St.; architect, Jas. E. Ware.

One Hundred and Ninetieth St., s s, 165' e Fourth Ave., four-st'y brick dwell.; cost, $8,500; owner, Mrs. Mary McKargney, No. 224 West One Hundred and Twenty-fourth St.; architect, M. L. Ungrich; builder, Patrick McKargney.

West Sixty-third St., Nos. 302 *and* 304, three and two st'y sandstone stable; cost, $60,000; owner, Frank Work, 13 East Twenty-sixth St.; architect, G. E. Harding.

Broadway, w s, 59' n One Hundred and Thirty-ninth St., three-st'y brick dwell.; cost, $15,000; owner, Thomas Loughran. Broadway and One Hundred and Forty-first St.; architect, D. J. MacRae.

One Hundred and Thirty-ninth St., n s, 75' w Broadway, two-st'y brick stable; cost, $8,000; owner and architect, same as last.

First Ave., No. 1119, four-st'y brick stable; cost, $4,200; owner, P. T. Wier, 17 East Fifty-eighth St.; architect, A. De Saldern; builder, Dno. Fitzpatrick.

Madison Ave., n e cor. One Hundred and Twenty-third St., 5 three-st'y brownstone dwells.; cost, each, $9,500; owner and builder, H. M. Edmundstone, 64 Pulaski St., Brooklyn; architect, James E. Ware.

One Hundred and Twenty-third St., n s, 76 e Madison Ave., 4 three-st'y brownstone dwells.; cost, $8,500 each; owner and builder, same as last.

Sixty-second St., s w cor. Park Ave., seven-st'y brick apartment-house; cost, $175,000; owner, Wm. Van Antwerp, 11 East Fifty-fifth St.; architect, Wm. H. Cauvet; builders, G. P. Broas and Cooper & Weed.

West Fifty-fourth St., No. 147, two-st'y brick stable; cost, $8,000; owner, William B. Baldwin, 145 West Fifty-fifth St.; architect, Geo. B. Pelham; mason, David Kennedy.

Lexington Ave., e s, from Sixty-sixth to Sixty-seventh St., on rear of southerly side, two-st'y brick hospital; cost, $10,000; owner, Mt. Sinai Hospital, on premises; architects, H. J. Schwarzmann & Co.; builders, Alexander Brown, Jr., and T. J. Duffy.

One Hundred and Fourteenth St., n s, 270' e First Ave., 3 four-st'y brick tenements: cost, $12,000 each; owner, James O'Shea, 2312 First Ave.; architect, Andrew Spence.

Wall St., foot of, on East River, one-st'y frame ferry-house; owner, Union Ferry Co.; architect, George W. Wright.

East One Hundred and Fourteenth St., Nos. 322 *and* 324, 2 four-st'y brick tenements; cost, each, $9,000; owner, William Fernehild, Spring Valley, N. J.; architect, John McIntyre; builder, George J. Fernehild.

Fourth Ave., e s, 20' n Ninety-first St., 4 three-st'y brownstone dwells.; cost, each, $9,000; owner, John Sullivan, 1365 Lexington Ave.

East Thirty-first St., No. 121, rear, four-st'y and basement brick carriage-repository; cost, $5,000; owner, R. M. Stivers, 142 East Thirty-first St.; architect, Geo. M. Huss; builders, Geo. W. Moore and F. Schuler.

Monroe St., No. 130, 2 five-st'y brick tenements; cost, $7,500 each; owner, Isabella Harrison, 354 West Twenty-ninth St.; builder, David H. King.

One Hundred and Twenty-eighth St., n s, 175' e Seventh Ave., four-st'y brick apartment-house; cost, $20,000; owner, Chas. H. Fenton, 158 East One Hundred and Twenty-fourth St.; architect, Chas. Baxter.

Seventy-second St., n s, 100' e Tenth Ave., seven-st'y brick apartment-house; cost, $150,000; owner, Wm. V. A. Mulhallon, 15 East Fourteenth St.; architect, Wm. H. Cauvet.

Twelfth St., s s, 82' 2" e Seventh Ave., four-st'y brick hospital; cost, $150,000; owners, Sisters of Charity, St. Vincent's Hospital, West Eleventh St., near Seventh Ave.; architect, William Schickel; mason, Marc Eidlitz.

Seventy-eighth St., n s, 219' w Ave. A, four-st'y brick tenement; cost, [illegible],500; owner and builder, John Goerlitz, 338 E[illegible] Sixtieth St.; architect, Julius Boekell.

Seventy-fourth St., [illegible]e cor. Fifth Ave., four-st'y brick dwell.; cost, $120,000; owner, Wm. Van Antwerp, 11 East Fifty-fifth St.; architect, Wm. H. Cauvet; builders, G. P. Broas and Cooper & Weed.

Fifty-third St., s s, 500' w Fifth Ave., 4 four-st'y and basement brick dwells.; cost, $40,000 each; owners, etc., McCafferty & Buckley, 810 Fourth Ave.

Eighty-fifth St., n s, 100' w Second Ave., 5 four-st'y brownstone apartment-houses; cost, $20,000 each; owner, William Henderson, 351 East Eighty-fifth St.; architect, John C. Burne.

Pearl St., No. 544, five-st'y brick and iron store; cost, $27,000; owner, Charles S. Smith, 25 West Forty-seventh St.; architect, J. Morgan Slade.

One Hundred and Twenty-fifth St., n s, 381' w Sixth Ave., four-st'y brownstone tenement; cost, $14,000; owner, architect and builder, Wm. M. Wilson, Mt. Vernon, N. Y.

Alterations.—*Fifty-second St.*, s w cor. Third Ave., four-st'y brick extensions; cos[illegible] H. M. Livingston, Saratoga Springs; [illegible]ert Bowne.

West Fifty-sixth St., No. 32, thr[illegible] tensions; cost, $5,000; owner, Shep[illegible] West Twelfth St.; architect, Geo. [illegible]

Lexington Ave., e s, from Sixty-sixth St., two-st'y brick extension; owner, the Mt. Sinai Hospital, on [illegible] tect, H. J. Schwarzmann & Co.; buil[illegible] Brown, Jr., and T. J. Duffy.

Ave. A, s e cor. Twenty-first St., [illegible] ond story removed, peak roof; cos[illegible] and mason, New York Gas-Light Co[illegible] architect and carpenter, Thos. F. [illegible]

West Thirteenth St., No. 2, front [illegible] work: cost, $2,500; owner, A. Rig[illegible] architect, A. Craig.

East Seventy-fourth St., No. 40, [illegible] tions, etc.; cost, $5,000; owner, Jo[illegible] 426 Bushwick Ave., Brooklyn; [illegible] Morse.

East Fourteenth St., No. 107, va[illegible] teenth-street sidewalk, buildings [illegible] connected by a one-st'y extension. [illegible] owner, Stelway & Sons, on premis[illegible] Schickel; builders, C. Eberspacker [illegible] derhoff.

East Twenty-first St., No. 107, o[illegible] tension, etc.; cost, $3,000; owner, Jam[illegible] 107 East Twenty-first St.; architect, [illegible]

East Fifty-third St., No. 118, [illegible] and carry up front wall; also, six-[illegible] sion, interior alterations; cost, $5,[illegible] M. Ihmke, 451 West Fifty-seventh [illegible] G. E. Harney; builder, not selected.

Sixteenth St., rear of n w cor. Fif[illegible] teenth St., raised one st'y; also, th[illegible] tension; owner, F. Martinelli, 110 [illegible] premises: architect, Wm. Shears.

West Twenty-third St., No. 62, t[illegible] tension, interior alterations, etc.; [illegible] owner, Charles Lowther, 104 West [illegible] architect, M. N. Cutter; builder, no[illegible]

Philadelphia.

Church.—To be erected at Broad an[illegible] "Church of the Atonement" (Pre[illegible] built of Trenton brownstone, with [illegible] melstown brownstone; inner wall[illegible] English buff bricks, relieved by P[illegible] roof to be open-timber constructio[illegible] $15,000; Hazlehurst & Huckel, arch[illegible]

Bank.—The Pennsylvania National [illegible] a new bank building at the s w cor [illegible] Market Sts.

Building Permits.—*Longshore St.*, [illegible] stone and Tulip Sts., two-st'y store [illegible] 62'; Amos. W. Linn, contractor.

Front St., e s, s of York St., four[illegible] x 95'; Eldridge & Stewart, contract[illegible]

Catharine St., No. 116, three-st'y [illegible] Chas. J. Grossup, contractor.

Sixth St., e s, w s of Fairhill St., [illegible] 16' x 42'; F. Hefling, contractor.

Fifth St., e s, s of Lehigh Ave., [illegible] and two-st'y dwell., 16' x 40'; F. L[illegible]

Front St., e s, s of Cumberla[illegible] store and dwell., 17' x 50'; Henry [illegible]

Canal Bank, 4' 4", third and fo[illegible] to factory, 28' x 38'; Jas. M. Presto[illegible]

Sixth St., e s, s of Oxford St., 5 t[illegible] 18' x 60'; Keely & Brownback, own[illegible]

Longshore St., e s, bet. Tulip and [illegible] st'y store and dwell., 20' x 58'; A[illegible] tractor.

Seventh and Marriott Sts., s w co[illegible] tory, 24' x 40'; A. M. Green & Co., [illegible]

Nineteenth St., w s, bet. Dicki[illegible] Sts., 3 two-st'y dwells., 16' x 42'; D. [illegible] tractor.

Fortieth St., e s, n of Hutton St., [illegible] 15' x 42'; Furman Bros. contractor

Diamond and Thouron Sts., n [illegible] building, 50' x 70'; H. M Markin, c[illegible]

Twenty-fourth and Wood Sts., n [illegible] addition to shop, 36' x 100'; F. B. [illegible]

Ogden St., No. 1322, 4 three-st'y [illegible] L. H. Eckhardt, contractor.

Second St., w s, n of Cumberland [illegible] tory, 43' x 109'; S. Humphries, con[illegible]

Ninth St., w s, n of Diamond [illegible] dwells., 14' x 42'; Jno. S. Smith.

West Girard Ave., No. 127, three [illegible] x 42'; Jno. Kramer, contractor.

Fifth St., w s, s of Mercy St., 4 [illegible] 16' x 42'; O. P. Fisher, contractor.

Twenty-sixth St., w s, s of Cam[illegible] st'y dwell., 18' x 48', and two-st'y [illegible] Geo. W. Allen, contractor.

Thompson St., n s, e of Nineteen[illegible] dwell., 20' x 70'; Jno. McDowell, c[illegible]

Thirty-fifth and Market St., thr[illegible] tory, 40' x 63'; D. M. Lane & Son, c[illegible]

South Broad St., No. 507, three-[illegible] 120'; Roydhouse & Atkinson, cont[illegible]

McClellan St., No. 223, two-st'y [illegible] 16' x 50'; R. W. Strode [illegible] tractor.

Poplar St., s s, be[illegible] [illegible] and 2 two-st'y dwell[illegible] [illegible] wis[illegible] st'y dw[illegible] [illegible] and [illegible]

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-During the construction of the tunnel
, it became necessary to construct a
and the pressure due a water column
ded to shut off a leak amounting to
d to be water-tight. Mr. D. Stauffer
his work before the Engineers' Club of
at the point selected for the bulkhead
The bulkhead was built directly
of the heading where the water was
uddled clay were first thrown across
ead site, and a six-inch wrought-iron
during construction — the pipe being
ch-form was adopted, four feet thick
span of 10 feet. Hard-burned bricks
f one part English Portland, and one
parts clean, sharp sand — a compound
sh Portland and sand, one to one,
orking smoother on the trowel, and
wet places. Skew-backs for the arch
rock at the sides. After the cement
screwing a cap on the outer end of
against the wall was 72 1-10 pounds
distributed over the face of the bulk-
ut 48 hours; then water came through
gh the joints, in amount equal to one-
ater was let off and a second experi-
orn down sufficiently to allow men to
nly 12 inches thick was built back of
e space between these walls was well
nding to the rock on all sides. The
light, as its yielding to the pressure
olidate the clay between it and the
bond used in the main wall was one
inuous horizontal joints through the
struction was to completely shut off
ring of fuel and pumps. The Dor-
ong, with its average invert grade of
the bay under which it passes. The
ion of clay, slate, and conglomerates
my, and much water encountered. In
ust carry much greater pressures, the
owly behind the bulkhead, by allow-
through a safety-valve at the bottom
perience in all such cases that in the
ater will come through the pores of
e "sweating." Gradually, however,
te of lime, and a thick coat of that
bulkh completely cutting off the
f iron 500 feet has been borne

— London

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ians are
the tolling of a
bells is for bell-ringing,
in Belgium all the great churches
some cases every quarter — many
Malines, and Ghent, it may be said
at the first of these cities one may
ved on a hundred or more bells. But
olls bells; we ring and chime them.
int of divergence. At that date, and
our parishes melted the big bells into
three into five or six; and, upon the
ver. Popular feeling must have been
indifferent, when Henry VIII could
all the old bells of St. Paul's. There
century our village-church bells have
l as number, as a large proportion of
r shattered state. Parliament itself
to the change of feeling by building
nd by trying to furnish it with a fitting
ly failed so far, Big Ben No. 1 having
No. 2 having been found incapable of
per. The reason of this is a mystery
ibly intrude. Bell-founders stand on
tion on their skill, or on the casting,
found to his cost. So we must have
one does not hear of abroad, should
urse in this country. — *London Times.*

IS SALON. — Next year occurs the one
t Paris Salon, and it is intended that
ld. It has already been agreed that
tive exhibition of the best works of
s who have died during the one hun-

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

259,287. DROP-HAMMER—Abijah R. Byrkett, Troy, O.

259,291. LATHE-CHUCK.—Thomas H. Costello, Chicago, Ill.

259,297. TRANSOM-ADJUSTER.—Gilbert J. Dickson, Albany, N. Y.

259,300. CABINET BATH-TUB.—Franklin H. Fickett, Chicago, Ill.

259,301. THEATRICAL SCENERY.—George F. Fuller, New York, N.Y.

259,346. ILLUMINATED STRUCTURE. — Elihu Vedder, New York, N. Y.

259,363. WRENCH. — William Bushey, Vincennes, Ind.

259,382. SPIKE.—William Goldie, West Bay City, Mich.

259,400. ROOF.—Oscar W. Kendall, Olmsted, O.

259,401. REFRIGERATING BUILDING.—Joseph W. Kepler, Chicago, Ill.

259,408. HYDROSTATIC LEVELLING-INSTRUMENT.—James MacDonald, Woodside, N. Y.

259,420. APPARATUS FOR CONSUMING SEWER-GAS.—Wm. H. Ogilvie and William L. Bennem, Brooklyn, N. Y.

259,425. TRANSOM AND SKYLIGHT LIFTER.—Frank A. Keiher, Chicago, Ill.

259,450. AWNING FOR WINDOWS. — Alfred Woods, Graniteville, Mass.

259,473. SAFETY HOD-ELEVATOR. — George W. Brown, New York, N. Y.

259,530. SCAFFOLD-SUPPORT. — Joseph Gorman, Elizabeth, N. J.

259,537. FIRE-ESCAPE LADDER.—William H. Hawkins, Albany, N. Y.

259,559. SHUTTER-FASTENER.—Thomas F. Langley, East Kingston, N. H.

259,577. CONSTRUCTION OF FLOORING AND CEILING.—Gottfried, L. Norrman, Atlanta, Ga.

259,593. ELECTRIC SAFETY-ELEVATOR.—Henry B. Sheridan, Cleveland, O., and Hermann A. Gorn, New York, N. Y.

259,601. SHUTTER-FASTENER.—Swan E. Swanson, Gainsburg, Ill.

259,603. BENCH-VISE.—John Thomson, Brooklyn, N. Y.

259,608-609. SMOKE-CONSUMING FURNACE.—Ezra W. Vanduzen, Newport, Ky.

259,613. HOD-ELEVATOR. — Ephraim W. Watson, Norfolk, Va.

259,622. FIRE-ESCAPE.—Alfred Williams, Philadelphia, Pa.

259,631. METHOD OF VENTILATION. — John Comstock, Hudson, Wis., and Thomas E. Jefferson, Boston, Mass.

SUMMARY OF THE WEEK.

Baltimore.

BUILDING PERMITS.—Since our last report, twenty-nine permits have been granted, the more important of which are as follows: —

Helse & Bruns, three-st'y brick saw-mill, s w cor. Caroline St. and Canton Ave.

Wm. Gisriel, three-st'y brick building, Valley St., s of Biddle St.

P. Bangert, one-st'y brick stable, 12' x 16', Chew St., bet. Central Ave. and Somerset St.

R. Carruthers, 3 three-st'y brick buildings, Hollins St., bet. Calhoun and Stricker Sts.

Benj. T. Buck, 5 three-st'y brick buildings, Harlem Ave., w of Stricker St.

Edw. Wilson, two-st'y brick carriage-house, in rear of s w cor. Baltimore and Dallas Sts.

Lynson Dowell, two-st'y brick stable, in rear of Barre St., bet. Green and Warner Sts.

T. M. Cone, 24 three-st'y brick buildings, Hopkins Ave., bet. Arlington Ave. and Schroeder St.

Chas. Schmenner, 2 three-st'y brick buildings, George St. bet. Bruce and Fremont Sts.

M. Woods, two-st'y brick stable, in rear of Fulton Ave., bet. Townsend and Lanvale Sts.

M. Z. Hammen, 12 two-st'y brick buildings, Woodward St., bet. Sterrett and Scott Sts.

R. E. Diffendafer, 2 three-st'y brick buildings, Edmondson Ave., e of Stricker St.

Chas. F. L. Gehrmann, 3 three-st'y brick buildings, Lexington St., bet. Calhoun and Stricker Sts.

Theo. Horn, three-st'y brick building, Eastern Ave., bet. Regester and Ann Sts.

Boston.

BUILDING PERMITS.—*Brick.—Medford St.*, rear of, nearly opposite Corey St., Ward 3, for Palmer, Parker & Co., boiler-house, engine and dry house, 32' x 40', two-st'y; Sampson & Clark, builders.

Wood.—Beech St., cor. Clarendon St., Ward 23, for Julius Dollman, dwell., 25' x 32', two-st'y hip; Julius Dollman, builder.

Marginal St., rear, near Jeffries St., Ward 2, for Ambrose A. Martin, manufactory, 20' x 50'; Ambrose A. Martin, builder.

Boutwell St., near Train St., Ward 24, for Laben Pratt, dwell., 25' and 43' x 48', two st'y; Samuel Davenport, builder.

Mayfield St., near Pleasant St., Ward 24, 2 dwells., 26' x 37', for Ezra H. Baker; McNeil, Bros., builders.

Newbern St., near Carolina Ave., Ward 23, for C. R. Billings and Geo. Faulkner, 5 dwells., 18' x 33', two-st'y; John D. Wester, builder.

Hartford St., near Howard Ave., Ward 20, for Asa H. Caton, dwell., 23' 8" x 28' x 51' 2, two-st'y hip; S. M. Chesley & Co., builders.

H St., No. 90, Ward 14, for Jacob P. Powers, dwell., 24' x 34', two-st'y and mansard; Jacob P. Powers, builder.

East Sixth St., Nos. 865-867, near Q St., Ward 14, for Frank Lentini, restaurant, 30' x 30'; John Silven, builder.

East Sixth St., No. 869, near Q St., Ward 14, for Nicholas Cannata, hotel, 20' x 30', two-st'y; Edwin Blanchard, builder.

North Harvard St., near Western Ave., Ward 25, for John E. Clark, store, 18' x 18'; —— Powers, builder.

Boylston St., cor. C St., Ward 23, for Charles Limming, dwell., 26' x 30', two-st'y.

Hyde Park Ave., near Walkhill St., Ward 23, for James Y. Graham, dwell., 26' x 30', two-st'y.

Washington St., No. 2831, Ward 21, for Charles Hewins, store, 22' x 30'; Russell Scott, builder.

Unnamed St., bet. Moreland and Winthrop Sts., Ward 21, for Arthur H. Nichols, dwell., 29' x 48', two-st'y; Gideon Currier, builder.

Unnamed St., off Glen Road, near Forest Hills St., Ward 23, for G. W. Hastings, dwell., 27' 8" x 36', two-st'y hip; Edwin Sharpleigh, builder.

Washington St., near Keyes St., Ward 23, for Eben Weld, dwell., 15' and 28' x 30', two-st'y; A. A. Ayers, builder.

Unnamed St., bet. Moreland and Winthrop Sts., Ward 21, for Arthur H. Nichols, dwell., 33' 6" x 38' 6", two-st'y; Gideon Currier, builder.

East Sixth St., near P St., Ward 14, for Patrick Coyne, restaurant, 20' x 30'; Patrick Coyne, builder.

N St., cor. East Third St., Ward 14, for James F. Hayden, dwell., 30' 11" x 36' 8" x 41' 8", three-st'y; Kelley & McKinnon, builder.

Wyoming St., near Warren St., Ward 21, for Lavoy S. Boutter, dwell., 24' x 29' x 34', two-st'y; Lavoy S. Boutter, builder.

Brooklyn.

BUILDING PERMITS. — *Park Pl.*, n s, 194' 7" e Sixth Ave., 2 three-st'y brownstone dwells.; cost, each, $10,000; owner and mason, John Monas, 92 Park Pl.; carpenter, J. J. Gilligan.

Seventh Ave., n e cor. Stirling Pl., 4 three-st'y brownstone dwells.; cost, total, 25,000; owner, William Gubbins, 20 Seventh Ave.; architect, Thos. F. Houghton.

Eighteenth St., n s, abt. 100' w Fifth Ave., two-st'y brick church; cost, about $21,000; owners, Trustees Sixth M. E. Church; architect, John Welch; builders, John Shorrock and H. Royemann.

Jefferson St., n s, 90' e Marcy Ave., 4 two-st'y and three-st'y brownstone dwells.; cost, each, $4,500; owner and builder, Herman Phillipps; architect, J. D. Reynolds.

Harmon St., n s, 100' e Evergreen Ave., 6 two-st'y frame dwells.; cost, each, $2,500; owner and carpenter, J. Hopkins, Jr., 109 Grove St.; architect, E. R. Chevalier; mason, W. Smith.

Devoe St., s s, bet. Union Ave. and Lorimer St., four-st'y brick factory; cost, $3,500; owner, E. M. Boynton, 36 to 52 Devoe St.; builders, Chas. Vincent and Frank P. Gould.

Freeman St., s s, 200' w Manhattan Ave., three-st'y frame tenement; cost, $3,500; owner, J. Ihlenberg, 42 Eleventh Ave., New York; architect and carpenter, Albert Lange; mason, Israel Reed.

Wall St., e s, 200' n Broadway, 4 two-st'y frame dwells.; cost, each, $2,200; owner, John Mitchell, 184 Devoe St.; architect, O. H. Doolittle, builder, not selected.

Decatur St., n s, 325' w Reid Ave., 3 two-st'y and three-st'y brownstone dwells.; cost, each, $4,000; owner and carpenter, R. H. Heasman, 904 Madison St.

ALTERATIONS.—*Fulton St.*, n s, 42' w Franklin Ave., three-st'y brick extension; cost, $6,000; owner, Alanson Tredwell, Lefferts Pl., cor. Franklin Ave.; architect, R. Dixon; builders, Jno. Guilfoyle and L. W. Seaman.

Willoughby Ave., n w cor. Walworth St., add one st'y; cost, $2,000; builder, James Lock.

Chicago.

BUILDING PERMITS. — C. M. Kenna, three-st'y and basement brick dwell., 36' x 80', 3,600 Archer Ave.; cost, $15,000.

John Dupee, Jr., two-st'y basement and attic brick dwell., triangular shape, Prairie Ave.; cost, $12,500.

Wm. Laube, two-st'y brick store and dwell., 24' x 80', Blue Island Ave., near Eighteenth St.; cost, $4,800.

B. Halley, two-st'y brick dwell., 20' x 46', 3,531 Dearborn St.; cost, $3,000.

G. Hills, 4 two-st'y and basement brick dwells., 40' x 70', 858 to 864 W. Monroe St.; cost, $10,000.

J. G. Schaar, two-st'y and basement brick dwell., 56' x 72', 645 and 647 Blue Island Ave.; cost, $7,000.

J. Sladeck, two-st'y and basement brick dwell., 20' 6" x 60', 478 Ashland Ave.; cost, $3,700.

H. E. Buckley & Co., four-st'y brick rear addition, 30' x 30', 265 Michigan Ave.; cost, $2,500.

G. H. A. Thomas, three-st'y and cellar brick flats, 60' x 120', 510 to 516 Hurlburt St.; cost, $20,000.

John Coughlin, two-st'y and cellar dwell., 22' x 54', Prairie Ave., near Thirty-fifth St.; cost, $4,000.

Arthur Bingham, two-st'y and cellar brick dwell., 30' x 69', Prairie Ave., near Twenty-ninth St.; cost, $8,000.

John Fischer, two-st'y and basement brick dwell., 25' x 48', 239 North Ave.; cost, $5,000.

G. M Dodge, two-st'y brick addition, 45' x 80', n e cor. Monroe and La Salle Sts.; cost, $30,000.

Mrs. G. Williams, two-st'y and basement brick flats, irregular shape, 121 Lincoln Ave.; cost, $4,500.

Mrs. Emma Schroth, two-st'y and cellar brick flats, 21' x 80', No. 358 Mohawk St.; cost, $4,800.

H. H. Martindale, one-st'y brick blacksmith shop, 28' x 60', 432 West Lake St.; cost, $3,000.

N. K. Fairbank, one-st'y brick addition, 50' x 50', 1801 Michigan Ave.; cost, $3,000.

Geo. W. Holdsworth, two-st'y and cellar, 20' x 53', 402 Congress St.; cost, $5,000.

Cincinnati.

STORE. — Messrs. Strobel & Wilkins are to build a six-st'y store on Race St., above Fourth St. The front will be of iron as open as possible. Lot 50' on Race St., and 200' deep; cost, $40,000; Mr. Geo. W. Rapp, architect.

Detroit.

BUILDING PERMITS.—The following are the more important of the permits granted since our last report:—

Jos. Taylor, brick house, Davenport St.; cost, $11,500; G. W. Lloyd, architect.

5 brick houses, Park St.; cost, $20,000; W. G. Vinton, contractor.

J. R. Minock, brick house, No. 41 Abbott St.; cost, $5,000.

A. J. Fair, brick house, Canfield St.; cost, $3,000.

Hamilton Frost, brick saw-mill, Wight St.; cost, $22,000.

John Boeberlitz, brick store, No. 225 East Congress St.; cost, $6,000.

Martin Dunn, double frame house, Nos. 23 and 25 Baker St.; cost, $3,000.

New York.

CHURCH.—The corner-stone of the new edifice to be built by the Second Ave. Methodist Church in One Hundred and Eighteenth St., bet. First and Second Aves., was laid June 13. The building will be of brick, with terra-cotta finish, will have a seating capacity of 1,000, and is expected to cost about $70,000.

CHAPEL. — The Broadway Tabernacle Society is to build a chapel at Nos. 455, 457 and 459 Tenth Ave. It is to have a frontage of 74' and a depth of 100'. It is to be constructed of brick, with terra-cotta and stone trimmings; J. E. Terhune is the architect.

BUILDING PERMITS. — *West Fifty-fifth St., Nos. 139 and 141*, three-st'y brick stable, and studio, and dwell.; cost, $20,000; owner, A. H. Barney, 161 East Thirty-first St., builders, L. N. Crow and J. C. Miller.

Tenth Ave., Nos. 455, 457 and 459, brick, stone and terra-cotta church; owner, Broadway Tabernacle Society, C. N. Bliss, Pres., 198 Madison Ave.; architect, J. E. Terhune.

Greenwich St., No. 161, four-st'y brick; cost, $10,500; C. R. Gill, Esopus, N. Y.; architects, La Ban & Son; builders, David T. Bumsted and Jas. Keary.

East One Hundred and Thirteenth St., Nos. 167 and 169, 2 four-st'y brick dwells.; cost, each, $10,000; owner, Edward Davy, 1644 Third Ave.; architect, M. Louis Ungrich; masons, Henry & Davy.

East One Hundred and Fourteenth St., No. 416, four-st'y brick flat; cost, $16,000; owner, Sophia Westermayr, 418 East One Hundred and Fourteenth St.; architects, Cleverdon & Putzel.

Avenue A, n w cor. Eighty-seventh St., 4 five-st'y brick tenements; cost, each, $14,000; owner, Ph. Braender, Avenue B, bet. Eighty-fourth and Eighty-fifth Sts.; architect, J. Brandt.

One Hundred and Twenty-third St., n s, 450' e Eighth Ave., 3 five-st'y brownstone tenements; owner, A. R. Taylor, 219 West One Hundred and Twenty-sixth St.; architect, M. C. Merritt.

Tenth Ave., No. 504, five-st'y brick tenement; cost, 13,000; owner, John Totten, 417 West Forty-sixth St.; architect, C. F. Ridder, Jr.

Seventy-sixth St., n s, 73' w Lexington Ave., five-st'y brick and brownstone tenement; cost, $35,000; owner, David Roche, 418 East Eighty-fourth St.; architect, A. B. Ogden.

West Forty-eighth St., Nos. 626 and 628, two-st'y brick stores; cost, $2,000; owner, David J. Keefe, 628 West Forty-eighth St.; architect, C. F. Ridder, Jr.

Grove St., Nos. 84 and 86, five-st'y brownstone tenement; cost, $40,000; owner, James Meagher, 332 East One Hundred and Twenty-sixth St.; architects, Babcock & McAvoy.

Seventh Ave., e s, extending from Fifty-eighth to Fifty-ninth St., 8 nine-st'y brick and stone tenements; cost, each, $300,000; owners, J. F. De Navarro and others, 25 Washington Pl.; architects, Hubert Pirsson & Co.; builder, Richard Deeves.

One Hundred and Fifteenth St., s s, 74' w Pleasant Ave., four-st'y brick tenement; cost, $12,000; owner, architect and builder, Benjamin Richardson, 63 East One Hundred and Twenty-fifth St.

One Hundred and Twenty-third St., s s, 80' w Fourth Ave., 4 four-st'y brick flats; cost, each, $16,660; owner, Thomas F. Treacy, 56 East One Hundred and Twenty-third St.; architect, R. Rosenstock.

One Hundred and Twenty-eighth St., n s, 400' w Sixth Ave., four-st'y brick stable, cost, $25,660; owner, Chas. P. Twigg, 310 East One Hundred and Twenty-first St.; architect, R. Rosenstock.

Fifty-fifth St., s s, 200' e Tenth Ave., 2 five-st'y brownstone flats; cost, each, $18,000; owner, John M. Ruck, 401 West Fifty-seventh St.; architects, Thom & Wilson.

Broadway, No. 640, s e cor. Bleecker St., six-st'y iron store and shirt factory; cost, $90,000; owner, Oliver H. Keep, 15 Washington Pl.; architect, E. Sniffin.

West Fifty-third St., Nos. 41 and 43, 2 brick and brownstone dwells.; cost, $35,000 and $40,000; owner, Charles Duggin, 310 Madison Ave.; architects and builders, Charles Buck & Co.

One Hundred and Thirteenth St., n s, 220' w Third Ave., three-st'y brick staircase factory; cost, $10,000; owner, John A. Price, 155 East One Hundred and Thirteenth St.; architects, Cleverdon & Putzel.

East Seventy-seventh St., No. 404, two-st'y brick wagon factory; cost, $2,000; owner, Mary Peters, 1483 First Ave.

West St., n w cor. Jane St., one-st'y brick factory; cost, $15,000; owner, Robert J. Livingston, 261 Broadway; architect, J. B. Snook.

Second Ave., s w cor. Seventy-first St., 4 five-st'y brownstone stores and tenements; cost, each, $14,000; owner, John Livingston, 981 Lexington Ave.; architect, F. T. Camp.

Philadelphia, Pa.

MATERIAL MARKET.—No change in previous quotations.

LIBRARY. — William Platt, Jr., and other gentlemen are raising $250,000 for a free library.

HOUSES.—Messrs. Weidner & Elkins intend to erect 45 two-st'y brick dwells., 11' x 45', on Thirty-second, Hamilton and Spring Garden Sts.; Willis G. Hale, architect, Phila.

DEPOT.—The Penn. R. R. Co., to facilitate the receiving and discharging of freight at Kensington, are

PROPOSALS.

HALL.

[At Nashua, N. H.]

proposals will be received by the Committee Hall Repairs of the City of Nashua, N. H., o'clock P., July 1st, 1882, for certain al- and additions to the City-Hall. nd specifications can be seen at the City-Hall e 16th to June 23d, both inclusive, and can t the architects' office, from June 24th to , both inclusive. is must be indorsed "Proposals for Alter- Additions to the City-Hall Building, Nash- and addressed to Hon. Benj. Fletcher, Jr.,

ht to reject any or all bids is reserved. er of the Committee. WAIT & CUTTER, Architects, 7 Exchange Pl., Boston, Mass.

URRING AND LATHING.

[At Albany, N. Y.]

ICE OF THE SUPERVISING ARCHITECT, TREASURY DEPARTMENT, WASHINGTON, D.C., June 16, 1882.

proposals will be received at this office until the 26th day of June, 1882, for furnish- fixing in place complete all the iron furring ng, corrugated-iron arching and iron parti- , required for the United States custom- post-office at Albany, N. Y., in accordance ings and specifications, copies of which and tional information may be had on application ce or the office of the Superintendent.

JAS. G. HILL, Supervising Architect.

ONE WORK, BRICKS, CEMENT, AND SAND. [At Toledo, O.]

OFFICE OF SUPERVISING ARCHITECT, TREASURY DEPARTMENT, WASHINGTON, D. C., June 16, 1882.

proposals will be received at this office, un- on the 7th day of July, 1882, for fur- nd delivering ready for setting, all the cut- required for the Basement and Area Walls of the United States Court-House and Post- Toledo, O.; also for supplying and delivering materials required, bricks, cement, lime and ccordance with drawings and specifications, drawings and specifications for stone-work, of schedule and specification of materials, ch any additional information may be had tion at this office, or the office of the Super-

JAS. G. HILL, Supervising Architect.

ROOF [illegible].

[At Topeka, Kan.]

OFFI SUPERVISING ARCHITECT, TREASURY DEPARTMENT, WASHINGTON, D. C., June 20, 1882.

proposals will be received at this office, un- on the 12th day of July, 1882, for fur- d fixing in place complete the iron roofs, ed for the United States Court-House and at Topeka, Kan., in acordance with draw- specifications, copies of which and any addi- rmation may be had on application at this he office of the Superintendent.

JAS. G. HILL, Supervising Architect.

PROOF SHUTTERS, BOXES, ETC.

[At Boston, Mass.]

OFFICE OF SUPERVISING ARCHITECT, TREASURY DEPARTMENT, WASHINGTON, D.C. June 20, 1882.

proposals will be received at this office until the 14th day of July, 1882, for furnish- putting in place complete the Fire-Proof Boxes, etc., required for the United States e and Sub-Treasury Extension at Boston, accordance with drawings, specification and copies of which and any additional informa- be had on application at this office or the of- Superintendent.

JAS. G. HILL, Supervising Architect.

RY.

[At Littleton, Mass.]

UNITARIAN SOCIETY, LITTLETON, MASS., June 17, 1882.

nd specifications, with conditions of pro- be shown, and proposals received by either dersigned until and including July 1.

EDWARD FROST, BOYNTON NEEDHAM, ALLEN P. WHITCOMB.

BRIDGE, ETC.

[At Stratham, N. H.]

proposals will be received by the agent for rs of Stratham and Newmarket Bridge, for new leaf draw, draw pier, guard pier, and ther repairs on the bridge until Friday, at 12 o'clock. Plans and specifications n in my office in Stratham. The right is re- reject any or all proposals. All proposals to ed to J. T. SMART, agent for Stratham and et Bridge, Stratham, N. H. 339

ER-SUPPLY AND SEWERAGE.

[At Niethercy, Brazil.]

NEW YORK, June 15, 1882.

r of the Brazilian Legation at Washington, signed makes public that the Government of ince of Rio de Janeiro calls for proposals for of water-supply and sewerage of the City roy, capital of the province. The proposals, to the Brazilian Legation at Washington, ent until 3 o'clock in the afternoon of day of July next, to the Brazilian consul- al, No. 42 Broadway, New York, where the gener conditions and specifications can ed, as any information in relation to er. VADOR DE MENDONCA, azilian. -General in the United States.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

259,678. EXTENSION-LADDER. — James F. Flint, West Danvers, Mass.

259,702. MACHINE FOR TRIMMING AND CUTTING LUMBER.—Frank McDonough, Eau Claire, Wis.

259,716. HANGING DOOR.—Edwin Prescott, Arlington, Mass.

259,729. APPARATUS FOR VENTILATING AND PURIFYING SEWERS.—James Stratford, Buffalo, N. Y.

259,744. NON-CONDUCTING COVERING FOR STEAM-PIPES, ETC.—Henry C. Bradley, Milwaukee, Wis.

259,762. SAFETY APPARATUS FOR PASSENGER AND OTHER ELEVATORS. — Merrill N. Hutchinson, New York, N. Y.

259,764. JOINT FOR DRAIN AND OTHER PIPES.—Carl Japtok, New York, N. Y.

259,768. ILLUMINATING TILE-PLATE. — William A. Lindsay, New York, N. Y.

259,780. AUTOMATIC SPRINKLER. — Charles W. Talbott, Woonsocket, R. I.

259,806. HEATING-FURNACE. — George R. Brown, Corning, N. Y.

259,812. CONSTRUCTING BETON OR ARTIFICIAL-STONE CURBING. James Burns, San Antonio, Tex.

259,848. HYDRAULIC ELEVATOR. — Arthur Granville, New York, N. Y.

259,863. MANUFACTURE OF ARTIFICIAL STONE AND MARBLE.—Henry C. Jewell, Georgetown, D.C.

259,890. BRICK-MOULD.—Thomas McNicholas, Memphis, Mo.

259,893. PIPE-TONGS.—Charles H. Miller, Erie, Pa.

259,923. ELEVATOR. — John D. Richardson, New York, N. Y.

259,929. FIREPLACE FENDER.—Isaiah W. Shoemaker, Rosston, Pa.

259,951. SAFETY ATTACHMENT FOR ELEVATORS.—Frederick W. Voerde, Chicago, Ill.

259,985. APPARATUS FOR FLUSHING WATER-CLOSETS.—James P. Hyde, New York, N. Y.

259,986. PROCESS AND APPARATUS FOR DRYING LUMBER.—John Lynch, Portland Me.

SUMMARY OF THE WEEK.

Baltimore.

REREDOS.—A memorial reredos has just been erected in the chancel of St. Barnabas' Church, cor. of Biddle St. and Argyle Ave., in memory of the wife of the rector, Rev. A. P. Stryker. It is entirely of oak, and early pointed in style; the design is by J. A. & W. T. Wilson, architects, and was selected in competition.

CENTRAL POLICE STATION-HOUSE. — Additional improvements; cost, $12,500.

Three dwells., for Dr. Eli Henkle, Harlem Ave.; cost, $15,000.

GREEK-HOUSE, Harlem Square; cost, $3,000; Mr. Frank E. Davis, architect.

HOUSE.—Mr. Thos. Hill, real estate broker of this city, has plans prepared for house and barn, which he will erect on large tract of land few miles out of the city; size of house, 40' x 50'; Palliser, Palliser & Co., architects, Bridgeport, Conn.

BUILDING PERMITS. — Since our last report sixteen permits have been granted, the more important of which are as follows: —

Baker, Bro. & Co., two-st'y brick building, 50' x 65', in rear of Ostend St., bet. Eutaw and Warner Sts.

Jacob Hartman, three-st'y brick building, No. 190 Sharp St., bet. Hill and Lee Sts.

Cotton Press Co., one-st'y sheet-iron building, Wells Wharf, foot of Bond St.

Gregory Stenger, two-st'y brick front building, Chase St., bet. Ann and McDonough Sts.

M. Campbell, two-st'y brick stable, Central Ave., n of Bank St.

Wehr, Hobelman & Gottlieb, three-st'y brick warehouse, n e cor. Hanover and Conway Sts.

Boston.

CHAPEL. — The First Baptist Society will build a chapel in Commonwealth Ave. in the rear of their church.

BUILDING PERMITS. — *Brick.* — *Mayo St.*, near Castle St., Ward 16, for Boston Building Association, four-st'y tenement-house, 33' 6" x 42'; Albert West, builder.

Pearl St., Nos. 19-21, Ward 12, for R. G. Whitney, four-st'y mercantile, 34' and 39' x 121'; T. J. Whidden & Co., builders.

East Sixth St., cor. of N St., Ward 14, for Henry B. Stratton, three-st'y tenement, 25' x 48'; Henry B. Stratton, builder.

Bromfield St., Nos. 1-3 *and* 5, cor. Washington St., Ward 10, for Alpheus Bigelow heirs, three-st'y iron mercantile, 70' x ——.

Wood. — Washington St., rear of, near Keyes St., Ward 23, for M. Denman Ross, dry-house, 20' x 83', Wm. Carpenter, builder.

Wakulla St., near Rockland St., Ward 21, for John V. N. Stults, 4 two-st'y dwells., 21' x 50'.

Greenville Pl., near Greenville St., Ward 21, for Wm. Barton, two-st'y dwell., 22' x 34' 6"; ell, 15' 6" x 20' 6"; two-st'y dwell., 20' 6" x 32' 6" and 34' 6"; Wm. Barton, builder.

Webster Ave., near Brighton Ave., Ward 25, Emily J. Frye, two-st'y dwell., 13' and 33' x 51'; two-st'y dwell., 13' and 20' x 51'; Jacob W. Berry, builder.

West First St., opposite F St., Ward 14, for James Evans & Co., storage, 18' x 40'; James Evans & Co., builders.

West Sixth St., near D St., Ward 13, for B. J. Hartigan, two-st'y and mansard dwell., 22' x 40'; James Walsh, builder.

Dorset St., cor. Dorchester Ave., Ward 15, for Richard C. Humphreys, two-st'y dwell., 25' 4" x 29' 8"; George Harding, builder.

West Sixth St., near D St., Ward 13, for Redmond J. Fitzgerald, three-st'y dwell., 22' x 38'; James Walsh, builder.

Calvert St., near Tremont St., Ward 10, for Daniel Sullivan, blacksmith shop, 25' x 60'.

Curtis St., cor. Chaucer St., Ward 1, for Chas. Cooper, dwell., 16' x 26'; Geo. W. Adams, builder.

Temple St., near Centre St., Ward 23, for Holland P. Myers, two-st'y dwell., 25' 8" and 32' 8" x 45'; Wood & Weatherbee, builders.

K St., No. 219, cor. Tenth St., Ward 14, for Arthur Deady, greenhouse, 13' x 60'; Arthur Deady, builder.

Lamartine St., rear of, near Green St., Ward 23, for Louis H. Mahn, manufacturing and wagon house, 16' x 32'; John Albrecht & Co., builders.

Park St., near Felton St., Ward 23, for Horace Farrington, two-st'y dwell., 21' and 25' x 30'; Geo. A. Spear.

Maple St., rear of, cor. Schuyler St., Ward 21, for James A. Houston, 2 greenhouses, 18' x 70' and 25' x 70'; McNeil Bros., builders.

Brooklyn.

GOVERNMENT BUILDING.—The Senate Committee on Public Buildings and Grounds will report favorably the House Bill appropriating $800,000 for a public building.

MONUMENT.—The Aldermanic Committee on Public Lands and Buildings has decided to report in favor of requesting the Board of Estimate to insert $25,000 in the tax budget for a monument for the soldiers and sailors.

BUILDING PERMITS. — *Hooper St.*, s s, 206' e Lee Ave., 3 three-st'y brownstone dwells.; cost, $10,000 each; owner, architect and builder, John F. Ryan, 187 Hewes St.

Jefferson St., s s, 400' w Bushwick Boulevard, two-and-one-half-st'y frame dwell.; cost, $4,000; owner, H. Oberhauser, North Twelfth St., near First St.; architect, John Platte; builders, Jacob Rauth and F. J. Berlenbach.

Graham Ave., n w cor. Seigel St., 2 four-st'y frame stores and tenements; cost, $5,700 each; owner, John Henry, Graham Ave., near Seigel St.; architect, John Platte; builders, Wm. Dafeldecker and John Rueger.

Quincy St., s s, 300' w Sumner Ave., three-st'y brick dwell.; cost, $3,000; owner, W. O. Thompson, cor. Putnam Ave. and Irving Pl.; architect, O. D. Thompson.

Twentieth St., s s, 125' w Sixth Ave., to Twenty-first St., 4 three-st'y frame houses; cost, $3,000 each; owner, architect and builder, James W. Wandell, Forty-ninth St., e of Third Ave.

Floyd St., Nos. 337 *and* 339, n s, 91' w Lewis Ave., two-st'y frame dwell.; cost, $3,000; owner and builder, Geo. Leoffler, 82 Tompkins Ave.; architect, Theo. Engelhardt.

Conover St., w s, 70' from Partition St., three-st'y brick store and tenement; cost, $4,000; owner, A. Anderson, 212 Conover St.; architect, Jno. J. Kelley; builders, Peter Kelly & Son and Gleason & Siebrand.

Lefferts Pl., n w cor. Clason Ave., 3 four-st'y dwells., corner house brick, others brownstone; cost, $10,000 each; owner and builder, Andrew Miller, 1527 Pacific St.; architect, Amzi Hill.

Lee Ave., s w cor. Heyward St., three-st'y brick store and dwell.; cost, $10,500; owner and builder, Richard Healy; architect, J. D. Reynolds.

Lee Ave., w s, 25' s Heyward St., 4 two-st'y brick dwells.; cost, $4,300 each; owner and builder, Richard Healy; architect, J. D. Reynolds.

Boerum St., s s, 225' w Bushwick Ave., 2 three-st'y frame dwells.; cost, $8,500; owner, L. Cronnenwerth, Boerum St.; builders, Wm. Bayer and M. Metzen.

Congress St., s s, between Hicks and Columbia Sts., one and two st'y brick office and shed; cost, $6,000; owner, J. P. Robinson, 6 Montague Terrace; architect, H. Turner; builders, D. Heavy and —— De Witt.

Monroe St., n s, 385' e Lewis Ave., 3 two-st'y brownstone dwells.; cost, $5,000; owner, W. J. C. Miller, 299 Sumner Ave.

Central Ave., s e cor. Jefferson St., 2 three-st'y brick stores and tenements; cost, each, $6,500; owner, L. Eppig, Central Ave., near George St.; architect, J. Platte; builder, J. Zwing.

ALTERATIONS. — *North Second St., No.* 316, disconnect extension from main building and raise it two stories; cost, $3,500; owner, Charles Kinken, on premises; architect, E. F. Gaylor; mason, John McQuade.

Livingston St., No. 99, raise one st'y; cost, $5,000; owner, Polytechnic Institute, on premises; architect, J. Correja; builders, J. De Mott & Son and W. H. Noe.

Remsen St., No. 58, two-st'y brick extension; cost, $3,000; owner, Wm. G. Low, on premises; architects, Parfitt Bros.; builder, T. W. Rollins.

Chicago.

CHURCH.—The corner-stone of St. Stephen's A. M. E. Church was laid June 25.

HOUSES IN PROSPECT.—On Michigan Ave., s of Thirty-fifth St., a fine two-st'y stone front residence, 72' x 68', for Mr. I. T. Rosenthall, to cost $60,000, is to be built; Mr. W. H. Esterham, architect.

On the cor. of Centre and Harlburt Sts., 7 apartment houses, containing apartments for 21 families; pressed brick and stone front, 65' x 173', to cost $40,000; Mr. J. H. Johnson, owner; Mr. C. O. Hausen, architect.

BUILDING PERMITS.—Henry Dreckschmidt, two-st'y and basement brick dwell., 22' x 48', 449 W. Twelfth St.; cost, $4,000.

C. W. Pardridge, 5 two-st'y and basement brick dwell., 40' x 80', cor. Thirty-seventh St. and Stanton Ave.; cost, $10,000.

J. Bruzek, two-st'y and basement brick store and dwell., 21' x 70', 1117 Blue Island Ave.; cost, $5,000.

B. P. Moulton, two-st'y basement and attic brick dwell., 45' x 80', 1912 Prairie Ave.; cost, $75,000; Treat & Foltz, architects.

F. J. Dewes, brewery and ice-house, 76' x 113', cor. Chicago and Hoyne Aves.; cost, $30,000.

M. D. Miller, three-st'y brick dwell., 22' x 60', 198 Ontario St.; cost, $6,500.

P. O'Malley, two-st'y basement and attic brick dwell., 22' x 60', 117 Erie St.; cost, $4,000.

Mrs. J. M. M. Cooper, two-st'y and basement brick dwell., 24' x 34', 2562 Groveland Park Ave.; cost, $2,600.

D. T. Sunderland, two-st'y and basement brick dwell., 21' x 50', 2367 South Park Ave.; cost, $3,000.

Wm. Becker, two-st'y and basement brick dwell., 22' x 47', 3741 Dearborn St.; cost, $3,100.

Amelia Lehman, two-st'y brick dwell., 25' x 62', 227 Loomis St.; cost, $3,000.

Jos. McComb, two-st'y brick dwell., 23' x 50', 534 Hurlburt St.; cost, $3,500.

M. D. Ewart, four-st'y and basement brick factory, 50' x 178, 11 to 23 South Jefferson St.; cost, $40,000.

John A. Courey, two-st'y and cellar brick flats, 21' x 61', 45 Newberry St.; cost, $4,500.

Wm. Brown, two-st'y brick dwell., 40' x 57', 127 and 129 Wilcox St.; cost, $5,500.

D. Sincerar, two-st'y and basement brick dwell., 24' x 65', Wabash Ave., near Thirtieth St.; cost, $5,000.

Max Weineman, three-st'y brick dwell., 40' x 68', 2544 Michigan Ave.; cost, $30,000.

John Pausch, two-st'y and basement brick dwell., 22' x 56', 654 West Eighteenth St.; cost, $3,000.

G. Gruenewald, two-st'y and basement brick dwell., 28' x 60', 740 Sedgwick St.; cost, $8,000.

M. Haugh, two-st'y brick dwell., 22' x 60', 2812 Bonfield St.; cost, $4,000.

John Turnbole, two-st'y and basement brick dwell, 24' x 46', 516 W. Jackson St.; cost, $6,000.

Wm. Burke, two-st'y and basement brick dwell., 22' x 56, 356 Fourteenth St.; cost, $4,000.

John King, three-st'y and basement store and dwell., 23' x 80', 426 Milwaukee Ave.; cost, $7,000.

Karsberg & Rinn, three-st'y planing mill, 76' x 112', Crosby, near Division St.; cost, $15,000.

John Reitz, two-st'y store and dwell., 23' x 75', 750 Twenty-second St.; cost, $5,000.

D. Harry Hammer, 4 three-st'y brick stores and dwells., 62' x 96', State and Thirty-sixth St.; cost, $30,000.

Bemis & McAvoy, six-st'y brick brewery, 60' x 138', S. Park Ave., near Twenty-fourth St.; cost, $30,000.

T. A. Hoffmeyer, two-st'y and basement brick dwell., 24' x 54', 258 Market St.; cost, $4,800.

Cincinnati.

INFIRMARY BUILDING.—The city infirmary is to have a large addition built to it this summer, costing abt. $35,000; Mr. E. Anderson is the architect in charge of the work.

WAREHOUSE. — J. F. Elliott is building a five-st'y warehouse on Freeman Ave. and railroad, for the Singer Sewing Machine Co.; cost, $16,000; S. E. Des Jardins, architect.

BUILDING PERMITS. — Since our last report the following permits have been issued: —

S. L. Wilder, four-st'y brick dwell., Sixth St., between Elm and Plum Sts.; cost, $15,000.

H. Ketterer, one-st'y brick dwell., Browne St., near Freeman Ave; cost, $2,200.

M. Fricker, three-st'y brick dwell., cor. of Baymiller and Gest Sts.; cost, $2,000.

J. W. Miller, repair five-st'y brick dwell., Seventh St., between Main and Walnut Sts.; cost, $2,500.

Dr. H. W. Gradon, 2 two-st'y frame dwells., Kemper Lane and Nassau St.; cost, $6,000.

Henry Oliver, three-st'y brick dwell., n e cor. Wade and Jones Sts.; cost, $6,400.

C. M. Murch, two-st'y brick dwell., George St., between Central Ave. and John St.; cost, $2,500.

Mrs. M. Shon, two-st'y brick dwell., Cross St., near Hamburg St.; cost, $2,500.

Henry Allen, three-st'y brick dwell., Hopkins St., e of Dalton Ave.; cost, $5,000.

Jno. Stafford, two-st'y frame dwell., Price Ave., near Summit Ave.; cost, $6,000.

Stephen Gibson, two-st'y brick dwell., Park Ave., between Warsaw and Price Aves.; cost, $3,500.

Mrs. C. H. Koetter, three-st'y brick dwell., cor. of Cutter and Wade Sts.; cost, $3,500.

Albert Young, 3 four-st'y brick dwells., Liberty and Jones Sts.; cost, $17,000.

Mrs. R. Lohle, two-st'y brick dwell., Purcell Ave., near Warsaw Pike; cost, $3,500.

John Shott, two-st'y brick dwell., s w cor. James and Fifth Sts.; cost, $9,000.

Peter Aumba, two-st'y brick dwell., Milton St.; cost, $3,600.

A. Strefel, two-st'y dwell., Spring Grove Ave.; cost, $7,000.

John Janson, Sr., three-st'y brick dwell., 13 Mulberry St.; cost, $4,000.

John Kabell, two-st'y brick, on Cross St.; cost, $2,000.

Jos. Witz, two-st'y brick, Neave St., near Gennon St.; cost, $2,000.

Andrew Schneider, three-st'y brick, 193 Barr St.; cost, $5,000.

Lewis Coleman, three-st'y brick, Denman St., bet. Liberty and Wade Sts.; cost, $3,000.

Fred. Groneman, three-st'y brick, State Ave. near Gest; cost, $3,500.

Twenty-six permits for repairs; cost, $10,400.

Detroit.

BUILDING PERMITS.—142 permits have been granted during the three weeks ending June 24, amounting to $345,055.

Those costing $3,000 and over are as follows: —

Nuppenau & Clark, brick store, Shelby St.; cost, $3,000.

Stone dwell., on Woodward Ave., to cost $28,000; W. Scott & Co., architects.

Brick dwell. on Third St., to cost $3,500, Mason & Rice, architects.

Brick dwell. on Howard St., to cost $13,000; Mason & Rice, architects.

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G THE PRICES OF BRICKS. — A correct price of bricks should be rated ıd crushing strength. He instances ame price per thousand. One lot 5 lbs. 2½ oz. in weight, and broke The second lot ran about 21" x 4" s. 8½ oz., and broke at 3,610 lbs. of these two lots of brick were obrespondent says, it makes a vast difpier if he calculates on bricks standıl gets them half as strong; or if he ıld guarantee a certain size, weight, ey will probably do when (and not se bricks which fall short of a stipuy, or make their contracts with the ıs to price, upon the character of the *merican.*

o UNDERGROUND IN FLORIDA. — For ligging the canal to connect Lakes up the more southern lakes of the as been prosecuted. The second cut week under the supervision of Mr. the commencement one of the fore- Lake Dora the sand-bar had already quite three feet on the previous digdeeper last week. At a distance of of Lake Dora a mound was discovd the existence of a clearly-defined l the south-west from where it was sed of a dark-brown sandstone, very e distinct, more clearly defined, and increased in depth. The wall was ancient home or fortification, as the e west. About eight feet from the of sand was struck, imbedded in the l it. This sand mound was dug into the water demanded but a slight in- nt point; but enough was discovered the northwestern shore of Lake Dora ertification, older by centuries than ortion of Florida. Small, curiously- of them showing traces of fire, pieces nottled flint, were thrown out by the in wate- A spear-head of mottled by d a quarter inches wide, t the d office, which was taken nd abou four feet below the water- *Herald.*

ing process has been patented in Gerhe wood is covered with solutions of n or otherwise. It is then left to dry hen taken into an air-tight room, in duced, such as sulphuret of hydrogen, at required to be obtained. By using s obtained — *Brown:* Sulphide of bismuth. *Yellow:* The sulphide of cadcadmium sulphate. *Gold-Yellow:* Bichloride of tin. *Iron-Gray to Brown:* of acetate of lead. *Green:* Oxide of mic acid. *Red:* Trisulphide of anti- This process is said to be cheap, and design. The colors obtained are not nd can be washed. A very cheap sochloride of iron is used to impregnate and other objects exposed to much mania. The wood in this case is less in the ordinary way. — *Cabinet Maker*

THE CITY OF MARSEILLES. — The of Marseilles against the ex-Empress e defendant, who gets a verdict, with rder to recover possession of a large by to the Emperor in 1854 as the site al palace. In the papers Eugénie was arte, of no occupation." It was conal, not to Louis Napoleon personally, ate, and that when the empire fell the at an end. The court decided in Eugéels: The gift and its acceptance conition of which was that his Majesty a palace upon it. This condition was was reared at the Emperor's personal was still habitable. It was cited, also, ion appointed on the fall of the empire n were included among the Emperor's ction was begun, it is said that the exo give the palace and grounds to the were employed as an orphanage and ed soldiers. This offer the corporation

on earthquakes in 1881 in *Der Naturat present known to have occurred, of* sixty-one in autumn, fifty-six in spring,

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

260,001. FIRE-ESCAPE.—William H. Burden and Frederick C. Burden, Cleveland, O.

260,005. LATHE-CHECK.—Loring R. Davis, Adrian, Mich.

260,012. VENTILATOR.—John M. Fennerty, Memphis, Tenn.

260,015. PILE FOR USE IN THE CONSTRUCTION OF WHARVES AND OTHER STRUCTURES.—Robert M. Franklin, Galveston, Tex.

260,017. AUTOMATIC SAFETY-STOP FOR ELEVATORS.—Jas. P. Freeman, Chicago, Ill.

260,019. GAUGE FOR SAWING ELLIPSES.—William H. Gordon, and Philip J. Boost, Detroit, Mich.

260,030. FAUCET.—John H. Johnson, Chicago, Ill.

260,036. LOCK-HINGE FOR SHUTTERS.—John P. Maher, Reading, Pa.

260,044. SPRING CURTAIN-ROLLER.—James M. Osgood, Somerville, Mass.

260,045. SPRING CURTAIN-ROLLER.—James M. Osgood, Somerville, Mass.

260,046. STEAM-HEATER.—William H. Page, Norwich, Conn.

260,054. BATH-TUB ATTACHMENT.—Friedrick Schutte, Philadelphia, Pa.

260,097. APPARATUS FOR SUPPLYING STEAM IN CITIES.—Birdsill Holly, Lockport, N. Y.

260,135. SCREW-DRIVER.—James Swan, Seymour, Conn.

260,152. MATERIAL FOR THE DECORATION OF THE INTERIOR WALLS AND CEILINGS OF BUILDINGS.—Frederick Beck, New York, N. Y.

260,161. SASH-CORD FASTENER.—Charles Bush, New York, N. Y.

260,184. DRY-KILN.—Edward M. Flaherty, New Baltimore, Mich.

260,192. FIRE-EXTINGUISHING APPARATUS.—Almon M. Granger, Boston, Mass.

260,199. VENTILATING ATTACHMENT TO HEARTHS.—J. E. Howard, Grape Vine, Tex.

260,203. COMPOUND FOR MAKING BRICK, TILE, ETC.—Henrey H. Hunt, San Antonio, Tex.

260,213. SASH-HOLDER AND FRAME.—Casper Loewenstein, Columbus, O.

260,217. BASIN-BIB.—Eugene O. McGlaufiin, San Jose, Cal.

260,229. FIRE GUARD AND ESCAPE.—John O'Neil, Pakenham, Ontario, Can.

260,232. WATER-CLOSET.—Stewart Peters and William Donald, Glasgow, Scotland.

260,245. FIRE-ESCAPE.—Diedrich Schmidt, New York, N. Y.

260,252. AUTOMATIC FIRE ALARM AND EXTINGUISHER.—Daniel C. Stillson, Somerville, Mass.

260,254. ELEVATOR.—George C. Tewksbury, East Orange, N. J.

260,261. ELEVATOR.—Peter H. Walsh, New York, N. Y.

260,271. SASH-FASTENER.—Ewell B. Attwell, Leesburg, Va.

260,292. MONKEY-WRENCH.—Jonas S. Greenleaf, Fargo, Dak.

260,294. SKYLIGHT.—Conrad Hefele, Baltimore, Md.

260,324. HOISTING APPARATUS.—Walter S. Rockwell, New York, N. Y.

260,331. TENONING-MACHINE.—Jeremiah Shetler, Taylorville, Ill..

260,347. DOOR-KNOB.—John Collins, Newark, N.J.

SUMMARY OF THE WEEK.

Baltimore.

BUILDING PERMITS.—Since our last report eighteen permits have been granted, of which the following are the more important:—

Geo. W. Braden, three-st'y brick building, Tyson Alley, bet. Madison and Richmond Sts.

T. B. Twine, 12 three-st'y brick buildings, Franklin St., commencing at the s w cor. of Mount St.

T. B. Twine, 15 three-st'y brick buildings, Fulton Ave., commencing at the n w cor. of Tamant St.

Marchant & Reilly, one-st'y brick building, 18' x 48', n w cor. Orchard and Tessier Sts.

R. A. Shipley, 2 two-st'y brick buildings, Gilmor St., commencing at cor. of Calhoun St.

Betty Adler, two-st'y brick building, Regester St., bet. Lancaster and Aliceanna Sts.

C. Deming, two-st'y brick building, Castle St., bet. Monument and Madison Sts.

Hippolyte Dalmon, 6 three-st'y brick buildings, Smith St., bet. Myrtle Ave. and Shields Alley.

Wm. Gesford, 2 two-st'y brick buildings, Vincent Alley, s of Lanvale St.

T. G. Lang, three-st'y brick building and two-st'y brick stable, s w cor. Light St. and Williamson Alley.

Boston.

BUILDING PERMITS.—*Wood.—Sherman St.*, junction of Fred St., Ward 4, for the American Carpet Lining Co., manufactory of black lead, 65' x 78' and 111'; Berry N. Moody, builder.

Albany St., Nos. 760-770, Ward 18, for George Curtis, storage of lumber, 42' x 173'; George Curtis, builder.

Edgewood St., No. 21, for Charles E. Currier, dwell., 22' and 23' x 30', two-st'y; Charles E. Currier.

Bird St., near Virginia St., Ward 20, for W. H. Saywood, 2 dwells., 20' x 35'.

Monadnock St., near Bird St., 5 dwells., 30' x 35', two-st'y; W. H. Saywood, builder.

Old Harbor Point, Ward 24, for City of Boston, stone cutter shed, 15' x 150' and 184'; Thomas Keyes, builder.

Wales St., near Howard St., Ward 24, for Charles Newhall, dwell., 15' 4" and 22' 4" x 50' 4", two-st'y; Chas. E. Currier, builder.

Brick.—Eastern Ave., near A St., Ward 13, for Boston Wharf Co., storage of wool, 100' x 109', four-st'y; W. S. Wilbur, builder.

Parker St., rear of, near West Chester Park, Ward 22, for Ham & Carter, storage of building materials, 30' x 50'; G. H. MacKay, builder.

Oliver St., No. 123, Ward 12, for Nathaniel Whiting heirs, dwell. and office, 18' x 28' x 30' 3", two-st'y; Rumery & Maxwell, builders.

Hanover St., Nos. 298-302, Ward 6, for John Miller, mercantile, 34' and 36' 6" x 55', four-st'y; Donahoe Bros., builders.

Brooklyn.

BUILDING PERMITS.—*De Kalb Ave.*, n s, 250' e Evergreen Ave., 5 two-st'y frame dwells.; cost, $1,800 each; owner, S. J. Morehouse, 516 Lexington Ave.; architect and builder, D. B. Morehouse.

Vanderbilt Ave., w s, 236' 6" n De Kalb Ave., two-st'y brick stable; cost, $5,000; owner, Frederick Lemmerman, Clermont Ave., near De Kalb Ave.; architect and carpenter, F. D. Norris; mason, Thos. Dorien.

Schermerhorn St., Nos. 75, 77 & 79, n s, 175' w Boerum Pl., three-st'y factory; cost, $6,000; owner, Rufus Litchfield, 185 Schermerhorn St.; architect, Charles Werner.

Halsey St., s s, 305' w Stuyvesant Ave., two-st'y and basement brick dwell.; cost, $3,800; owner and builder, John A. Sutton, 707 De Kalb Ave.; architect, J. D. Reynolds.

Adams St., n s, 106' e Broadway, 5 two-st'y frame dwells.; cost, $2,500 each; owner and builder, Conrad Guthart, 23 Adams St.; architect, Th. Engelhardt.

Sixth St., n s, 295' e Third Ave., 2 three-st'y frame tenements; cost, each, about $2,500; owner, John Andrews, 89 Second Pl.; architect, W. Wirth; builder, J. R. Greene.

Kosciusko St., s s, between Throop and Sumner Aves., two-st'y brick school; cost, $23,000: owner, Board of Education; architect, J. W. Naughton; builders, P. J. Carlin and P. F. O'Brien.

Ninth St., n s, 58' w Sixth Ave., three-st'y brownstone dwell.; cost, $4,000; owner, John Fey, 189 Twelfth St.; architect, F. Ryan.

Raymond St., e s, between Hanson Pl. and Lafayette Ave., one-st'y brick stable; cost, $2,500; owner, E. Waters, on premises; architect, G. W. Anderson; mason, J. D. Anderson.

Washington Ave., w s, 325' s Greene Ave., 2 three-and-a-half-st'y brick dwells.; cost, each, $11,000; owner and carpenter, D. H. Fowler, 14 Verona Pl.; architects, A. Hill and Thos. Baker.

North Sixth St., n s, 125' w Sixth St., four-st'y frame tenement; cost, $5,000; owner, John Costello, 207 North Sixth St.; architects, Cardwell & Hawkins.

ALTERATIONS.—*Gates Ave.*, n s, between Clason Ave. and Franklin Ave., 2 one-st'y brick extensions; cost, $7,500; owner, Church of the Reformation, on premises; architect, John Mumford; builders, J. H. Stevenson and H. J. Smith.

Pierrepont St., cor. Columbia Heights, alter pitch of roof, interior alterations, stairs, etc.; one-st'y brick extension; cost, $10,000; owner, Seth Low, 112 Willow St.; architects, Parfitt Bros.; builders, W. & T. Lamb, Jr., and Martin & Lee.

Schermerhorn St., No. 192, cor. Hoyt St., two-st'y brick extension, etc.; cost, $8,000; owner, Mrs. J. H. Recknagel, on premises; architect, A. F. D'Odench; builders, J. H. Stevenson and Morris & Selover.

Broadway, s w cor. Thornton St., raised 3', also one-st'y frame extension, fronts rebuilt, etc.; cost, $3,000; owner, E. Michaelis, on premises; architect, E. Dennis; builders, B. J. Dennis & Son.

Chicago.

HOUSES.—J. V. Farwell will build on Lake Shore Drive, n of Chicago Water-Works, 65' x 80', brownstone on all sides; Burnham & Root, architects. They have also in hand plans for a residence on Michigan Ave., near Twenty-ninth St., for Mr. Sidney Kent, of pressed brick.

BOARD OF TRADE BUILDING.—The contracts have been let for the foundations for the new Board of Trade Building to E. Sturtevant.

BUILDING PERMITS.—A. Wygant, two-st'y brick dwell., 20' x 70', 737 West Jackson St.; cost, $8,000.

John Meyer, two-st'y brick dwell., 22' x 60', 460 Congress St.; cost, $5,000.

Charles L. Willoughby, three-st'y and basement brick dwell., 38' x 48', 292 and 293 Michigan Ave.; cost, $18,000.

Daniel Burke, 4 two-st'y and basement brick dwells., 2233 to 2239 Wentworth Ave.; cost, $15,000.

Marshal Field, one-st'y brick store, 60' x 163', 772 and 778 Wabash Ave.; cost, $8,000.

Frank Grundes, two st'y and basement brick dwell., 23' x 50', 43 North Ada St.; cost, $3,000;

H. Van Pelt, architect.

P. H. Mebonald, two-st'y and basement brick dwell., 20' x 47', 214 East Illinois St.; cost, $4,600.

F. Leeper, two-st'y and basement brick dwell., 21' x 62', 817 West Twenty-second St.; cost, $5,600.

Rev. F. Suebert, three-st'y and basement brick dwell., 42' x 42', Market St., near Hill St.; cost, $8,000.

John Wilkie, two-st'y and basement brick dwell., 21' x 42', 3753 Butterfield St.; cost, $2,500.

Jos. Halorka, one-st'y brick cottage, 20' x 50', 92 Johnson St.; cost, $2,500.

Wm. Andres, two-st'y and basement brick dwell.; 37' x 49', 3893 and 3895 Lake Ave.; cost, $5,000.

J. E. Lindley, three-st'y and basement brick dwell., 44' x 70', 2635 and 2637 Michigan Ave.; cost, $16,500.

P. J. Blake, two-st'y brick dwell., 22' x 50', 157 Superior St.; cost, $3,000.

L. Hodges, four st'y and basement brick store and dwell., 20' x 60', 2143 Indiana Ave.; cost, $10,000.

Mrs. M. T. Nixon, three-st'y and basement brick flats, 22' x 70', 291 Illinois St.; cost, $6,000.

Anton Dasletzki, two-st'y and attic brick dwell., 23' x 54', 165 Centre St.; cost, $3,300.

E. B. Sheldon, two-st'y brick dwell., 20' x 38', 18 Lincoln Ave.; cost, $5,500.

Mrs. A. Johnson, three-st'y brick dwell., 40' x 49', 655 Robey St.; cost, $7,000.

Wm. P. Allgunn, two-st'y and basement brick dwell., 20' x 60', 598 East Division St.; cost, $4,500.

St. Mark's Episcopal Church, one-st'y brick addition to church, 33' x 50', Cottage Grove Ave. and Prospect St.; cost, $5,000.

W. Meyer, two-st'y and basement brick dwell., 21' x 53', 334 West Huron St.; cost, $3,000.

H. H. Berven, two-st'y brick flats, 25' x 60', 3556 Forest Ave.; cost, $5,000.

H. Licht, two-st'y and basement brick store and dwell., 24' x 75', 644 Centre Ave.; cost, $4,000.

Joseph Charnley, two-st'y brick dwell., 43' x 48', on Division St. and Lake Shore; cost, $9,000.

Cincinnati.

BUILDING PERMITS.—Since the last report the following building permits have been issued:—

Val Roth, two-st'y brick dwell., Pleasant St., bet. Fifth and Liberty Sts.; cost, $3,500.

David Sinton, to alter and repair the Grand Opera House; cost, $20,000.

Henry Kester, addition to four-st'y dwell., Elm St., near Pearl St.; cost, $3,000.

Phillip Le Saint, two-st'y brick dwell., Elm St., near Third St.; cost, $4,000.

H. Ennebeck, three-st'y brick dwell., 139 Bamm St.; cost, $5,000.

Cincinnati Corrugating Co., two-st'y brick, Culvert St., near Eighth St.; cost, $3,000.

Five permits for repairs; cost, $1,400.

New York.

CHURCH.—The laying of the corner-stone of the Baptist Church of the Epiphany, at Madison Ave. and Sixty-fourth St., took place June 27. After a prayer by the Rev. Lemuel Covell, the pastor, the Rev. Dr. Joseph F. Elder made an historical address. The church is to extend 132' in Sixty-fourth St. and 80' in Madison Ave., having a seating capacity of 1,000. It is estimated to cost $212,000.

BUILDING PERMITS.—*Stanton St.*, n e cor. Willett St., five and one st'y brick store and tenement; cost, $22,500; owner, estate of P. Dater, P. Dater, Jr., exr., Cheyenne, Wyoming Territory; attorney, J. B. Greenman, Room 52, Bible House; architect, W. Joss.

Madison Ave., One Hundred and Twenty-ninth and One Hundred and Thirtieth Sts., begins One Hundred and Twenty-ninth St., n e cor. Madison Ave., one-st'y stone basement for church; cost, $3,400; owner, All Saints Church, One Hundred and Thirtieth St. and Madison Ave.; architect, James Renwick; builders, Giblin & Lyons and P. Walsh.

Fortieth St., s s, 125' e Eleventh Ave., four-st'y brick tenement; cost, $10,000; owner, Andrew Ewald, 432 West Fifty-first St.; architects, Thom & Wilson.

One Hundred and Twenty-sixth St., s s, 125' e Third Ave., five-st'y brownstone apartment-house; cost, $20,000; owner and builder, Stephen J. Wright, 291 West One Hundred and Thirtieth St; architects, Thom & Wilson.

Eighty-third St., w s, 100' e Madison Ave., 4 five-st'y brownstone dwells.; cost, $15,000; owner, James McManus, 232 East Eighty-third St.; architect, Pr. S. Brus.

Eagle Ave., s e cor. Cedar St., Melrose (One Hundred and Fifty-eighth St.), two-st'y frame dwell.; cost, $2,500; owner, Herman Weissker, Eagle Ave., near Cedar St.; architect and carpenter, Henry Piering; mason, Adam Kaiser.

St. Ann's Ave., e s, 100' s John St., 2 two-st'y frame dwells.; cost, each, $4,000: owner, Philip Ebling, One Hundred and Fifty-sixth St. and St. Ann's Ave.; architect, Henry Piering; builder, Adam Kaiser.

Water St., n e cor. Broad St., four-st'y brick store and tenement; cost, $13,000; owner, B. C. Galdeker, 1859 Second Ave.; architect, Henry Piering.

Sixty-first St., n s, about 68' e Tenth Ave., one-st'y brick maternity for New York Infant Asylum; cost, $2,100; owners, Trustees New York Infant Asylum, 7 West Thirty-ninth St.; architect, J. E. Terhune.

Thirteenth Ave., n e cor. Bank St., five-st'y factory; cost, $80,000: owner, Mrs. G. R. Hoffman, 4 Warren St.; architect, John B. Snook; builders, Benj. Blackledge and David Hepburn.

Leonard St., No. 134, four-st'y brick warehouse; cost, $10,000; owner, Catharine A. Cammann, 19 East Thirty-third St.; H. H. Cammann, agent, 4 Pine St.; architects, O. P. & R. F. Hatfield.

Stanton St., No. 226, three-st'y brick dwell.; cost, $11,000; owner, Jeannette Gunther, 228 Stanton St.; architect, Edward Kenny; builders, John Fish and Timothy Wallis.

East Forty-seventh St., No. 216, five-st'y brick tenement; cost, $9,000: owners, Peter McCormack and James J. Dunne, 164 East One Hundred and Twenty-Eighth St.; architect, A. Spence; builders, McCormack & Dunne.

East Forty-seventh St., No. 218, five-st'y brick tenement; cost, $12,000; owner, architect and builder, same as last.

West Twenty-ninth St., No. 540, five-st'y brick tenement; cost, $11,000; owner, architect and builder, same as last.

Battery Pl., extending from Broadway to Greenwich St., eleven-st'y brick and Belleville stone offices; cost, $900,000; owner, Washington Building Co., New York, 120 Broadway; architect, Edward H. Kendall; masons, W. H. Hazzard & Son; iron, J. B. & J. M. Cornell.

Lexington Ave., n w cor. Eighty-second St., 2 four-st'y brick dwells.; cost, $5,000 each; owner, E. Emmett, Connecticut.

Mercer St., No. 185, six-st'y brick store and factory; cost, $35,000; owner, E. P. Gleason, 171 Remsen St., Brooklyn.

Thompson St., No. 15, rear, four-st'y brick paint-shop; cost, $3,000; owner, Nicholas Serf, 15 Thompson St.; architect, Wm. Grant.

Ave. A, e s, from Twenty-third to Twenty-fourth St., one-st'y frame ferry house; cost, $20,000; owner, Greenpoint Ferry Co., Greenpoint, Brooklyn, L. I.; architect, John Mehaffey.

July 15, 1882

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

Baltimore.

BUILDING PERMITS.—Since our last report twenty-four permits have been issued, o which the following are the more important:—

Henry Frank estate, three-st'y brick building, Lexington St., bet. Eutaw and Howard Sts.

Wm. Frush, 4 three-st'y brick buildings, Pressman St., bet. Calhoun and Cary Sts.

Henry Westfall, 12 two st'y brick buildings, Heath St., beginning at the s e cor. of Byrd St.

Henry Westfall, 2 two-st'y brick buildings, Byrd St., beginning 76' s of Heath St.

Boston.

BUILDING PERMITS. — *Brick.* — *Commonwealth Ave., No.* 202, Ward 11, for John J. French, four-st'y mansard dwell., 26' x 65'; Leander Greely, builder.

Commonwealth Ave., No. 204, Ward 11, for Sarah H. Stockton, four-st'y mansard dwell., 26' x 65'; Leander Greely, builder.

Chauncy St., Essex St., and Harrison Ave., Ward 10, for C. D., G. H. & John Rowans, trustees, five-st'y warehouse, 40' x 95' and 106'; T. J. Whidden & Co., builders.

Wood. — *Warren St.*, rear of No. 630, Ward 21, for Ada W. Phillips, stable, 20' x 21'; J. H. Stevenson, builder.

Walnut Ave., rear of No. 229, Ward 21, for Chas. A. Dean, stable, 25' x 32'; Charles H. Blodgett, builder.

Taylor St., rear of, near Water St., Ward 21, for Albert T. Stearns, dry-house, 26' x 60'; W. G. Blanchard, builder.

Brooklyn.

BUILDING PERMITS.—*Lorimer St.*, e s, 203' n Nassau Ave., 3 three-st'y frame tenements; cost, each, abt. $3,000; owner and carpenter, J. J. Randall, 126 Manhattan Ave.

Partition St., No. 90, bet. Van Brunt and Richards Sts., three-st'y frame tenement; cost, $2,750; owner, Fr. Grimmins, on premises; architect and builder, John Smidt.

Stagg St., No. 260, s s, 475' w Waterbury St., two-st'y frame dwell.; cost, $2,300; owner, H. Muhlmeister, 106 Meserole St.; architect, Th. Engelhardt.

Penn St., n s, abt. 300' e Lee Ave., 2 three-st'y brownstone dwells.; cost, each, $10,000; owner and carpenter, Thomas B. Saddington, 263 Hewes St.; architect, E. F. Gaylor.

Marcy Ave., w s, 45' s Hooper St., 2 three-st'y brownstone dwells.; cost, each, $9,000; owner, architect and builder, John F. Ryan, 247 Hewes St.

Bainbridge St., n s, 225' e Reid Ave., 8 two-st'y brick dwells.; cost, each, abt. $3,500; owner, Kate Acor, 386 Clifton Pl.; architect, Lewis Acor.

Twenty-fifth and Twenty-sixth Sts., 364' s e Third Ave., one-st'y frame stable and car-shed; cost, $12,000; owner and builder, Brooklyn City Railroad Co., 10 Fulton St.; architect, A. W. Hicks.

Sixth Ave., s e cor. Twenty-first St., 2 two and three st'y frame buildings; cost, $3,000 and $4,000 each; owner, architect and builder, E. E. Van Brunt, 179 Skillman St.

Tenth St., n s, 297' w Eighth Ave., 6 three-st'y brownstone flats; cost, each, $7,000; owner, Daniel Doody, 141 h Ave., cor. Middle St.

Walcott St., No. 88, e s, abt. 150' from Van Brunt St., the e-st'y frame tenement; cost, $3,000; owner, Mr. Flynn, 90 Walcott St.; architect, I. I. Kelly; builders, P. Kelly and J. Lewis.

Sixteenth St., n s, 96' 3" e Fifth Ave., 4 three-st'y frame tenements; cost, each, $2,500; owner, Ellen F. Herman, 256 Prospect Ave.; architect, G. Herman; builders, William Thompson and Geo. Herman.

Warren St., n s, 375' w Third Ave., 15 four-st'y brick tenements; cost, each, $8,000; owner, J. W. Dearing, 434 Henry St.; architects, Parfitt Bros.; builder, G. B. Leung.

Summit St., n s, 125' w Imlay St., three-st'y brick shop; cost, $2,500; owner, H. Van Cleef, 68 Hamilton Ave.; builders, M. Gibbons & Son.

Hall St., n s, 50' from Hopkinson Ave., 4 two-st'y and basement frame dw lls.; cost, $3,000 each; owner, Joseph Peters, 434 East Eighty-first St., New York; architect, George Hildenbrand; builder, John Baur.

Wallabout St., n s, 50' e Wythe Ave., three-st'y brick f-story; cost, $6,000; owner and builder, K. Egan; architect, J. D. Reynolds.

ALTERATIONS.—*Willoughby Ave.*, s w cor. Throop Ave., one-st'y frame extension; cost, $6,000; owner, Throop Ave. Presbyterian Church; architect, John Mumford; builders, W. & T. Lamb, Jr., and C. L. Johnson.

Chicago.

ALTERATIONS.—The First National Bank Building, southwest corner of State and Washington Sts., has been purchased by Lucius G. Fisher, Jr. It is to be re-modelled throughout. Four more stories will be added, making eight stories in all. The cost of changes will be $70,000.

HOUSE.—L. Willoughby has taken out permit for three-story dwelling, of Massachusetts red sandstone, cor. Eldridge Court and Michigan Ave., to cost $20,000. Cobb & Frost, architects.

BUILDING PERMITS.—Wolff Bros., two-st'y and basement brick storehouse, 29' x 104', rear 373 Milwaukee Ave.; cost, $3,500.

Wm. A. Gubbins, two-st'y and basement brick flats, 22' x 42', 493 S. Wood St.; cost, 43,000.

C. O. Hausen, two-st'y and basement brick flats, 61' x 124', 331 to 342 Centre St.; cost, $35,000.

N. Fligel, three-st'y brick store and dwell., 22' x 67', 1161 Milwaukee Ave.; cost, $5,500.

C. O Hausen, three-st y and basement brick flats, 42' x 48', 447 and 449 Hurlburt St.; cost, $11,000.

Mrs. E. Tobias, two story and basemen brick flats, 22' x 45', 920 W. Jackson St.; cost, $4,000.

Soren Nelson, three-st'y and cellar brick dwell., 21' x 48', 342 Webster Ave.; cost, $5,000.

V. Krosback, 2 two-st'y and basement brick stores and dwellings, 46' x 67', 786 to 798 W. Twelfth St.; cost, $7,500.

T. J. Hawkins, three-st'y and basement brick flats, 50' x 67', 3420 S. Park Ave.; cost, $18,000.

A. Kalousky, two-st'y brick dwell., 22' x 54', 157 Blackhawk St.; cost, $2,800.

H. Muehlhauser, two-st'y and basement brick store and dwell., 25' x 75', 321 Blue Island Ave.; cost, $6,000.

G. F. Schoeppe, three-st'y and cellar brick store and dwell., 24' x 85', 625 Blue-Island Ave.; cost, $7,000.

Job Webb, two-st'y brick dwell., 40' x 46', 306 and 308 S. Leavitt St.; cost, $6,000.

A. B. Williams, two-st'y and basement brick dwell., 22' x 46', 322 N. Market St.; cost, $5,000.

F. Lingle, two-st'y brick dwell., 20' x 56', Throop St., near Twentieth; cost, $4,800.

T. Ludas, two-st'y brick basement, 20' x 22', 2457 Wentworth Ave.; cost, $4,000.

Chri tian Watrous, three-st'y brick dwell. and barn, 50' x 60', 728 N. State St.; cost, $20,000; J. M. Van Osdel, architect.

F. G. Whiting, two-st'y brick dwell., 23' x 51', 3148 Lake Park Ave.; cost, $5,000.

E. Ledorer, two-st'y and basement brick dwell., 23' x 76', S. Park Ave. and Thirty-second St.; cost, $7,000.

F. Doorak, three-st'y brick dwell., 22' x 58', 207 Taylor St.; cost, $5,000.

F. Kovarik, two-st'y and basement brick dwell., 23' x 52', 504 Twentieth St.; cost, $3,800.

H. Bergeler, two-st'y and basement brick dwell., 21' x 59', 572 Warren Ave.; cost, $4,000.

John Reichwein, three-st'y and basement brick store and dwell., 1067 Milwaukee Ave.; cost, $8,000.

Geo. Erricson, two-st'y brick dwell., 20' x 40', 252 N. Sangamon St.; cost, $2,500.

Mary Mooney, two-st'y brick dwell., 22' x 50', 64 Johnson St.; cost, $3,800.

M. O. Flaherty, two-st'y and basement brick dwell., 24' x 65', 496 Thirty-first St.; cost, $5,000.

Cincinnati.

BUILDING PERMITS.—Since our last report the following building permits have been issued:—

Arbuter Hall Stock Co., addition to three-st'y brick building, 468 Walnut St.; cost, $6,800.

Dr. Geo. K. Taylor, two-st'y brick dwell., 317 Linn St; cost, $6,000.

John Robinson, repair Robinson's Opera-House, Ninth and Plum Sts.; cost, $4,000.

Rev J. Rossiter, two-st'y frame dwell., Vine St., near Elm St., Walnut Hills; cost, $4,000.

F. Muller, two-st'y brick dwell., Liberty St., near Denman St.; cost, $1,500.

Louis Nepper, two-st'y brick dwell., Hammond St., near Vine St.; cost, $3,500.

John Wesling, repair two-st'y brick dwell., Michael St., near Burns St.; cost, $2,000.

Geo. Inger & Co., four-st'y brick carriage-factory, cor. of Gest and Summer Sts.; Chas. Crapsey, architect; cost, $30,000.

C. Massand, two-st'y frame dwell., Vine St., near Park Ave., Walnut Hills; cost, $2,500.

A. Busselbrock, three-st'y brick dwell., Third St., near Pike St.; cost, $2,400.

Wm. E. Foy, two-st'y frame dwell., Hawthorne Ave., near Warsaw Pike; cost, $3,000.

M. Lucky, two-st'y brick dwell., Dodsworth Ave., opposite Dive St.; cost, $2,000.

Nine permits for repairs; cost, $7,600.

Total permits to date, 394.

Total cost to date, $1,016,300.

Cleveland.

STORES.—A brick block on St. Clair St., for George Johnson; cost, $1,500; Cudell and Richardson, architects.

A brick block on St. Clair St., for J. B. Perkins; cost, $6,000; John Edelman, architect. Built by the day's work; F. H. Norton, superintendent.

A brick block on River St., for J. B. Perkins; cost, $50,000; Coburn & Barnum, architects. Built by day's work; E. Smith, superintendent.

A brick block on the Public Square, for Brainard Sons; cost, $5,500; Walter Blythe, architect.

A brick block on Canal St., for Sherwin Williams; cost, $15,000; C. Griese, architect; F. A. Coburn, superintendent.

FREIGHT DEPOT.—Freight depot for the N. Y. C. & St. L. Railway, on Broadway; cost, $28,000; L. Cowles, architect; W. J. Scott, builder.

HOUSE.—A frame dwelling on Ontario St., for F. H. Norton; cost, $3,000; F. H. Norton, architect and builder.

New York.

CHURCH.—A Methodist Episcopal Church with Parsonage and Sunday School is to be built at the cor of Eighty-sixth St. and Park Ave. The buildings which are to be of Belleville stone will cover a lot 102' x 100'. The cost will be about $60,000; Messrs. J. C. Cady & Co., are the architects.

STORE.—Nos. 134 and 136 Beekman St., are to be built up with a double store of brick with stone finish 25.' x 40', at a cost of $15,000; from designs of Messrs. D. & J. Jardine, for Mrs. Jno. Steward.

APARTMENT-HOUSE.—A model apartment-house is to be built at the n e cor. of Fifth Ave. and Ninth St., 53' x 100', for Gen. Daniel E. Sickles.

BUILDING PERMITS.—*One Hundred and Fifty-second St.*, s s, 75' w Eleventh Ave., three-st'y brick and frame tenement; cost, $4,500; owner, Geo. F. Gantz, 345 West Fifty-eighth St.; architect and builder, J. B. Smith.

Forty-second St., s s, 175' w Fourth Ave., seven-st'y fire-proof brick and stone safe deposit and storage building; cost, $300,000; owners, Lincoln Safe Deposit Co., Thos. L. James, Pres., No. 5 Vanderbilt Ave.; architect, John B. Snook; builder, Sam'l Lowden.

One Hundred and Forty-fourth St., n w cor. College Ave., 5 three-st'y brick buildings, 3 dwells.; cost, three, $4,000 each, two, $2,000 each; owner, Chas. Van Riper, 415 North Third Ave.; architect, H. S. Baker.

Fifty-seventh St., s s, 275' w Eighth Ave., 2 seven-st'y brick apartment houses; cost, $55,000 each; owner, James A. Frame, 145 East Seventieth St.; architects, Thom & Wilson.

One Hundred and Seventh St., n s, 100' w First Ave., three-st'y brick store; cost, $7,000; owner, John Cullen, 207 East One Hundred and Sixth St.; architects, Cleverdon & Putzel; builder, M. McPhey.

ALTERATIONS.—*West Twenty-fifth St., No.* 165, five-st'y brick extension; cost, $5,000; owner, Amelia Pfluteschinger, on premises; architects, Thom & Wilson.

Sixth Ave., No. 310, new store fronts on Ave. and Twentieth St., and interior alterations; cost, $10,000; lessee, H. C. F. Koch, 133 West Twentieth St.; architect, Wm. F. Hume; builder, not decided.

East Sixty-first St., Nos. 306 *and* 308, to be raised five stories and a three-st'y brick extension; cost, $20,000; owners, Rosenheim & Co., 306 to 314 East Sixty-first St.; architects, Leierth & Co.

Fifty-sixth St., n s, 325' w First Ave., to be raised one st'y and a three-st'y brick extension; cost, $5,000; owner, Walter Shriver, on premises; architect, A. B. Ogden; builder, Geo. T. Dollinger.

East Thirty-fifth St., No. 161, rear, to be raised one st'y; cost, $3,000; owner, Chas. Lanier, 30 East Thirty-seventh St.; builder, Geo. Mulligan.

West Twenty-fourth St., No. 115, rear, to be raised one st'y; cost, $3,000; owner, Henry Maillard, 55 W. Twenty-fifth St.; architect and builder, Thomas Joyce.

East Tenth St., No. 220, one-st'y brick extension, fitted up for Turkish bath; cost, $7,000; lessee, Dr. Chas. Waechter, on premises; architect, Paul F. Schoen; builders, C. Huebner and C. Lehmann.

Sixth St., Nos. 727 *and* 729, one st'y brick extension; cost, $4,400; owners, Trustees of the Presbyterian Church on University Pl.; architects, J. C. Cady & Co.; builders, Sinclair & Wills and Guy Culgin.

Cedar St., No. 13, to be raised one st'y and laid out for offices; cost, $6,000; owner Edward H. Kellogg, 17 Cedar St.; architect, A. Bernhauser; builders, Fellows & Craig and A. Bernhauser.

West Forty-ninth St., No. 26, two-st'y brick extension; cost, $6,000; owner, Joseph Cornell on premises; architect, Chas. B. Atwood; builders, Wm. Haigh and A. J. Wells & Co.

Philadelphia.

BUILDING PERMITS.—*Jefferson St.*, n s, be. Bailey and Twenty-seventh Sts., three st'y shop, 24' x 30'; J. McArthur.

Nepsira St., n of Tioga, 2 two-st'y dwells., 14' x 30'; W. D. Heffernan.

Cayuga St., 100' e of Seventeenth St., 2 two-st'y dwells., 17' x 58'; McLaughlin & McNamera.

Thirty-fifth St., e s, bet. Ridge Ave. and Clearfield St., 3 two-st'y dwells., 17' x 45'; McLaughlin & McNamera.

Hazzard St., No. 125, s s, 4 two-st'y dwells., 13' x 36'; J. F. Bradfield, contractor.

Green St., No. 1811, four-st'y dwell., 23' x 106'; Nutz & Worthington, contractors.

St. Louis.

BUILDING PERMITS.—Thirty-seven permits have been issued since our last report, nine of which are for unimportant frame houses. Of the rest those worth $2,500 and over, are as follows:—

Sam Sacks, two-story store with living-rooms above; cost, $2,900; G. W. Pipe, architect; M. Lahm, contractor.

M. Kirkwood, two-st'y dwell.; cost, $8,000; M. Kirkwood, contractor.

Mrs. Charlotte Diedrich, three-st'y furniture-factory; cost, $7,000; A. Beinke, contractor.

Mary Habackle, two-st'y dwell.; cost, $3,300; Beckmeier & Duhlmann, contractors.

Charles Brener, two-st'y dwell.; cost, $8,500; A. Beinke, architect; H. Schaate, contractor.

G. Ande, two-st'y dwell.; cost, $2,800; F. Mueller, contractor.

W. D. Barter, 3 two-st'y dwells.; cost, $5,000; W. D. Barter, contractor.

Mrs. Eliza Nokes, 3 two-st'y dwells.; cost, $6,400; Jas. Stewart & Co., architects and contractors.

Michael Fox, two-st y dwell.; cost, $3,100; ——— Brady, architect; H. Sudhoelter, contractor.

Washington.

B. Bealle, Trustee, brick dwell., 25' x 84', three-st'y and cellar, 806 Market Space, n w; cost, $9,000.

Henry C. Coburn, 2 brick dwells., 22' x 30', two-st'y and cellar, G, bet. Twenty-first and Twenty-second Sts., n w; cost, $8,000.

W. E. Chandler, remodel dwell., I, bet. Fourteenth and Fifteenth Sts., n w; cost, $8,000.

Clark & Mason, 2 brick dwells., Vermont Ave., bet. K and L Sts., n w, 27' 7" x 43', three-st'y and basement; cost, $20,000.

Maj. Geo. Elliott, brick dwell., 24' x 31', three-st'y and basement, O, bet. Sixteenth and Seventeenth Sts., n w; cost, $5,000.

PROPOSALS.

ELECTRIC-LIGHT.

[At Chicago, Ill.]

Sealed proposals will be received by the Board of Commissioners of Cook County for putting in the necessary power, machinery, lamps, etc., complete for the proper lighting of the Cook County Court-House by electricity.

All bids must be indorsed Proposals for Lighting Court-House, and accompanied by a bond in the penal sum of $1,000, and also Certified Check for $250.

All bids must be delivered at Room 35, Court-House, on or before 12 o'clock, M., July 17, 1882. No bids will be considered if handed in after that time.

342 E. F. C. KLOKKE, Clerk.

HOSPITAL.

[At Chicago, Ill.]

Sealed proposals will be received by the Board of Commissioners of Cook County until 12 o'clock, M., July 24, 1882, for the erection three additional buildings to the Cook County Hospital.

For Blanks, Full Instructions, and Plans call at Room 35, Court-House. E. F. C. KLOKKE.

343 Clerk.

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JULY 22,

Entered at the Post-Office at Bost

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THE telegraph brings us the
long and painful illness, of M
best known architects of New
active portion of Mr. Gilman's
pied a conspicuous position in
York and Boston, where he pra
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Dummer Academy, and at Tri
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1844 he published in the *No*
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Edward Kendall devised th
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which we think is not yet
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n uses bastions about four hundred
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ne whole being screened by a sloping
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provement on Vauban's, effected by
works pushing themselves forward
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s. The main principles of Carnot, a
ficer, were to fire perpetually from
e his town with thick masonry walls,
ted, by being in the ditch, from dis-
gineer, flourished in the seventeenth
rtar, long used in the British service
; but the great credit attached to his
situations having aquatic sites must
les from those on dry ones. He de-
ditch within a wet one, and the for-
en-op-Zoom are good examples of his
l a system of masonry for protecting
rtresses with such a number of guns
would effectually keep a besieger at
ve been utilized in the fortification of
las been much used on the continent.
ar Coblenz, Rastadt, Antwerp, Wesel,
l its principles have been adopted in
nited kingdom. Its conspicuous fea-
space by the shortest possible line of
defensible works in prominent situa-
werful detached towers called *capon-*
ks, heavily armed, in the vital points
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t if an enemy attempted to establish
y be blown up. The system has the
defend it, and the works, being con-
ervision of the commander. — *Cham-*

OF IRON. — Sir Edmund Beckett, in
ul World of Science, mentions a very
connection with the late Mr. Scott
e of the Vienna Exhibition, which
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t. Peter's, or Florence Cathedral, and
r Hall (195′ x 220′). The gentleman
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IN ENGLAND. — The "Incorporated
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work. Its income last year was about
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of its means. It has built, as *The*
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ittings. The society includes within
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a mission-chapel is needed, it builds
There are several English church-
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rs ago, East London was cut off from
Rochester, "The Bishop of Roches-
k and carried it on. Then came the
"Bishop of St. Alban's Fund" — and
Bishop of Bedford" and a "Bishop of
n their several districts, are engaged
te the building of churches; they pro-
e of more clergy; they found or keep
of England is awake and alive again,
xtension is in active progress in every

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

260,339. RATCHET-DRILL. — Charles E. Billings, Hartford, Conn.

260,361. LOCK-HINGE. — John L. Bixby, Arlington, Mass.

260,362. BORING-MACHINE. — Christopher D. Blevens, Richmond, Ky.

260,371. STATIONARY WASH-STAND. — Patrick Connolly, Brooklyn, N. Y.

260,395. CUTTING-PLIERS. — Timothy D. Hotchkiss, Higganum, Conn.

260,396. VISE. — Edgar O. Hunt, Melrose, Mass.

260,401. TUBE-WELL. — Ambrose N. Lane, Rochester, N. Y.

260,404. HAND VISE AND WRENCH. — Peter S. Meabon, Frankfort, Mich.

260,413. COMBINED BLOWER AND DAMPER FOR GRATES. — George W. Ranson, Richwood, Ky.

260,422. FIRE-ESCAPE. — Andreas Köhmer, Foster's Crossing, O.

260,423. MACHINE FOR ORNAMENTING STONE. — David Shortsleeve, Rutland, Vt.

260,437. HINGE. — Henry A. Wilbur, Cambridge, Mass.

260,479. WRENCH. — Edward P. Hand, Newark, N. J.

260,497. AUGER. — William L. Parmelee, Ansonia, Conn.

260,511. MANUFACTURE OF ARTIFICIAL STONE AND MARBLE. — John W. Watts, Baltimore, Md.

260,533. APPARATUS FOR FORMING UNDERGROUND DRAINS, ETC., IN CEMENT. — William M. Campbell, Mount Clemens, Mich.

260,548. MANUFACTURE OF HYDRAULIC LIME AND HYDRAULIC CEMENT. — Edward J. De Smedt, Washington, D. C.

260,553. ARTIFICIAL STAINED GLASS. — Jonathan O. Fowler, Jr., New York, N. Y.

260,663. SEWER-TRAP. — Henry B. Greenleaf, Boston, Mass.

260,564. CHIMNEY-VENTILATOR. — Hermann Hahn, Schönberg, Mecklenburg-Strelitz, Germany.

260,602. WATER-CLOSET PAN. — Sidney R. Onstead, Brooklyn, N. Y.

260,609. MONKEY-WRENCH. — Charles Richards, Cleveland, O.

260,622. BLIND-SLAT ADJUSTER. — Geo. W. Springsted, New York, N. Y.

260,627. FIRE-ESCAPE. — Joseph H. Townsend and Edward A. Dubey, Brooklyn, N. Y.

260,638-641. FIRE-EXTINGUISHER. — John W. Bishop, New Haven, Conn.

260,649. SHUTTER-FASTENER AND ALARM. — Isaac Brooke, Royer's Ford, Pa.

260,666. PLUMBER'S TRAP. — Patrick Connolly, Brooklyn, N. Y.

260,675. AUTOMATIC HATCHWAY-DOOR. — Edward M. Hackett, New York, N. Y.

260,693. LATCH. — Frederick J. Lee, Oswego, Kan.

260,742. FIRE-ESCAPE. — Charles P. Wilson, Summit Point, W. Va.

SUMMARY OF THE WEEK.

Baltimore.

IMPROVEMENT. — Addition and new front to house, No. 535 W. Baltimore St.; cost, $2,500; Mr. Wm. F. Weber, Architect.

BUILDING PERMITS. — Since our last report twenty-seven permits have been granted, of which the more important are as follows: —

S. A. Marchand, 4 three-st'y brick buildings, Fairmount Ave., between Castle and Washington Sts.

Mrs. A. Schimp, two-st'y brick building, Mount St., n of Patterson Ave.

National Exchange Bank, five-st'y brick building, with basement and sub-cellar, on Sharp, Liberty and German Sts.

Richard Courtney, one-st'y brick building and two-st'y brick stable, in rear of s e cor. Charles St. and North Ave.

Philip Sadtler, 2 three-st'y brick buildings, s e cor. Little Clay and Eutaw Sts.

Wm. Martin, 2 three-st'y brick buildings, Saratoga St., e of Stricker St.

Mrs. James McCurley, three-st'y brick building, s e cor. Liberty and Lexington Sts.

Archibald Teal, 3 two-st'y brick buildings, Madeira Alley, between Pratt and Gough Sts.

Archibald Teal, 3 three-st'y brick buildings, Patterson Park Ave., n of Gough St.

Adam Sultan, two st'y brick building, Washington St., between Fayette and Orleans Sts.

E. T. Codd, one-st'y brick building, in rear of s w cor. Caroline and Aliceanna Sts.

Wm. E. Whitson, 2 three-st'y brick buildings, Paca St., between Columbia Ave. and the Bend.

E. W. Haviland, 2 two-st'y brick buildings, Liberty Road, between Stricker and Gilmor Sts.

Chas. H. Mickelman, 3 two-st'y brick buildings, Burke St., n of Aliceanna St.

Henry Westfall, 2 two-st'y brick buildings, on alley in rear of Byrd St., bet. Barney and Heath Sts.

Elizabeth Harwood, three-st'y brick store and dwell., Franklin St., bet. Paca and Jasper Sts.

Ann G. Hellwing, three-st'y brick building, Eastern Ave., bet. Ann and Regester Sts.

Ludwig Humirichausen, 6 two-st'y brick buildings, Clement St., e of Johnson St.

George Humirichausen, two-st'y brick building, Clement St., e of Johnson St.

Jacob Seeger, 3 three-st'y brick buildings, Frederick Ave., bet. Calverton Road and Brown's Lane.

Barney Kirwin, three-st'y and mansard roof brick building, Mosher St., in rear of s w cor. Linden Ave. and Mosher St.

Emory M. E. Church, three-st'y brick building, Pa. Ave., bet. Dolphin and Hoffman Sts.

John R. Mitchell, one-st'y brick building, 15′ x 60′, Washington St., s of Aliceanna St.

Henry McCaffray, three-st'y brick warehouse, Lexington St., bet. Park and Liberty Sts.

Boston.

BUILDING PERMITS. — *Wood. — Centre St.*, rear No. 6, Ward 21, for Moses H. Libby, 2 two-st'y dwells., 17′ x 34′; W. A. Low & Son, builders.

East Second St., Nos. 649-651, Ward 14, for Annie Sullivan, three-st'y dwell. and store, 21′ x 30′; John Nevens, builder.

Ashley Ave., near Breed St., for Margaret A. McLean, dwell., 18′ x 25′; A. & J. McLaren, builders.

Orient Heights, for Margaret A. McLean, dwell., 18′ x 25′; A. & J. McLaren, builders.

M St., near East Seventh St., Ward 14, Wm. T. Eaton, three-st'y mansard dwell., 29′ x 30′; Wm. T. Eaton, builder.

Leonard St., near Crayton St., Ward 14, 3 two-st'y dwells., 24′ x 34′, for J. W. Hoxie; Wm. T. Eaton, builder.

Orange St., near Central Ave., Ward 23, for Cornelius J. Van Hondt, dwell., 18′ x 25′; Mr. Crosby, builder.

Chestnut St., No. 10, Ward 5, for Francis Raynes, three-st'y dwell., 26′ x 23′ and 29′.

Brick. — East First St., opposite N St., Ward 14, for City of Boston, two-st'y dwell., 33′ 10″ and 39′ 6″ x 45′ 6″; Dady & Flint, builders.

House of Correction Grounds, for City of Boston, two-st'y dwell., 33′ 10″ and 39′ 6″ x 45′ 6″; Dady & Flint, builders.

Summer St., Nos. 64-68, Ward 2, for Samuel Goldenberg, three-st'y tenement, 40′ x 60′; Fessenden & Libby, builders.

Marginal St., rear of, next B. R. R. & L. R. R., for Conrad Decher, storehouse, 25′ x 40′ and 16′ x 40′; Frame & Patten, builders.

O St., rear of No. 121, Ward 14, for Wm. G. Doe, 2 three-st'y dwells., 20′ x 30′; J. H. Wigglesworth, builder.

Savin St., near Blue Hill Ave., Ward 21, for Gustavus Johnson, two-st'y dwell., 35′ x 30′; H. J. Bartlett, builder.

Locust St., rear of No. 5, Ward 15, for Alpheus A. Fleming, stable, 16′ x 16′; G. Merz, builder.

Howard St., rear of, near School St., Ward 24, for Walter L. Dennis, stable, 22′ x 35′.

Amory St., opposite Codman Ave., Ward 23, for Charles B. Wilston, two-st'y dwell., 20′ and 24′ x 32′; Wm. Morse, builder.

Moseley Ave., near No. 23, Ward 24, for Catherine Sullivan, carriage-house, 19′ x 24′; A. J. Sullivan, builder.

Newton Pl., near Eaton Court, Ward 21, for Owen Reynolds, two-st'y dwell., 22′ x 32′; R. D. Ward, builder.

East Third St., near N St., Ward 14, for Michael W. O'Brien, two-st'y and mansard dwell., 24′ x 34′ 10″; ell, 15′ x 20′; Jas. Welch, builder.

Boylston Ave., near Green St., Ward 23, for Fred Kohlipp, 2 three-st'y dwells., 20′ x 30′; Jacob Luippold, builder.

Sagamore St., near Savin Hill Ave., Ward 24, for P. S. Sheane, dwell., 25′ x 28′; Wm. J. Jobling, builder.

Brooklyn.

BUILDING PERMITS. — *Greene St.*, n s, 150′ e West St., three-st'y frame tenement; cost, $3,800; owner, John Mill, 190 Ninth Ave., New York City; architect and carpenter, Albert Lange; mason, J. Reed.

Quincy St., n s, 100′ w Sumner Ave., 4 two-st'y brownstone dwells.; cost, each, $6,000; owner, A. K. Buckly, 189 Kosciusko St.; builder, A. Walker.

Adelphi St., w s, about 100′ s Fulton St., five-st'y brick factory; cost, $10,000; owners, R. Graves & Co., on premises; architect, E. F. Gaylor; mason, T. Gibbons.

Franklin Ave., s e cor. Atlantic Ave., 2 one-st'y brick stores; total cost, $2,500; owner, architect and builder, Philip Sullivan, 252 Patchen Ave.

Central Ave., n w cor. Forrest St., 4 three-st'y brick tenements and store in corner; total cost, $20,000; owners, S. Liebmann's Sons, Forrest St., cor. Bremen St.; architect, Th. Engelhardt; mason, Geo. Lehrian.

Henry St., w s, 50′ n Orange St., four-st'y brick store and flat; owner, Edward Phelps, 53 Orange St.; architect, M. J. Morrill; builders, H. D. and W. A. Southard.

Park Ave., s s, 25′ e Steuben St., three-st'y brick store and tenement; cost, $4,500; owner, William Plath, on premises; architect, J. D. Reynolds; builders, J. Rickard and T. Donnelly.

Nevins St., No. 175, between Wyckoff and Warren Sts., four-st'y brick tenement; cost, $5,000; owner and architect, James McGarry, 491 Warren St. builder, T. McCoy.

Lefferts Pl., n s, 320′ e Grand Ave., 3 three-st'y freestone dwells.; cost, each, $6,000; owner, architect and builder, B. Linkin, 216 Greene Ave.

Willoughby Ave., n s, 450′ w Marcy Ave., 3 two st'y brownstone dwells.; cost, each, $4,500; owner, architect and builder, David Weild, 358 Gates Ave.

Third Ave., w s, 50′ n Twenty-fifth St., 3 three-st'y brick stores and dwells.; cost, $3,300 each; owner and architect, Thomas Pitchladdo, 213 Seventeenth St.; builders, W. & T. Corigan.

Bond St., n w cor. Second St., three-st'y brick dwell.; cost, $3,000; owner and builder, Chester Bedell, 337 Smith St.; architect and carpenter, Theo. Pearson; mason, Wm. Rountree.

Willoughby Ave., n s, about 80′ e Throop Ave., two-st'y frame dwell; cost, $8,000; owner, Mrs. A. A. Comstock, 274 St. James Pl.; architect, M. J. Morrill; builder, Jas. Lock.

Moore Ave., No. 87, n s, 100′ e Graham Ave., three-st'y frame tenement; owner, Jacob Kiefer, 152 Graham Ave.; architect, Th. Engelhardt; builder, J. Hofgesang; carpenter, not selected.

Central Ave., s e cor. Myrtle St., 2 three-st'y frame tenements; cost, total, $8,000; owner and architect, A. Sedlmeyer on premises; architect, Geo. Hillenbrand.

Bushwick Ave., e s, 125′ n Manhattan Ave., 25′ x 46′, three-st'y frame tenement; cost, $4,000; owner, architect and builder, Wm. Snowden, 294 Ewen St.

Nevins St., cor. Sackett St., one-st'y brick building for storing; cost, $2,500; owner, Fulton Municipal Gas Co., 342 Fulton St.; architect, J. F. Harrison; builder, R. Deeves.

Nevins St., cor. Sackett St., one-st'y brick purifying-house; cost, $20,000; owner, the Fulton Municipal Gas Co., 342 Fulton St.; architect, J. F. Harrison; builder, R. Deeves.

Park Ave., n s, 105′ e Marcy Ave., 6 two-st'y frame dwells., 2 cost, each, $2,500; owner and builder, Geo. Loeffler, 82 Tompkins Ave.; architect, M. Engelhardt.

Chicago.

BUILDING PERMITS. — Mrs. Mary May, two-st'y and basement brick store and dwell., 24′ x 54′, 846 North Clark St.; cost, $4,500.

U. P. Smith, three-st'y brick dwell., 44′ x 50′, 3261 Cottage Grove Ave.; cost, $8,000.

Theodore Rhinehart, two-st'y brick dwell., 21′ x 60′, 149 Larrabee St.; cost, $2,500.

Peter Kimmey, two-st'y brick dwell., 22′ x 40′, 496 West Congress St.; cost, $2,500.

John Kuba, two-st'y and basement brick dwell., 22′ x 50′, 2521 Hanover St.; cost, $3,000.

H. Smith, two-st'y brick dwell., 22′ x 50′, 555 Warren Ave.

John B. Mallers, two-st'y and basement brick dwell., 40′ x 48′, in Groveland Park; cost, $7,500.

Dr. Mueller, two-st'y and basement brick dwell., 24′ x 60′, 724 Twenty-first St.; cost, $5,000.

Lawson Varnish Co., one-st'y brick factory, 50′ x 80′, Kinzie St., near Bixby Place; cost, $3,500.

Geo. Hoefert, two st'y brick dwell., 22′ x 45′; Washtenaw Ave., near Jackson St.; cost, $2,500.

Peter Adler, three-st'y and cellar brick dwell., 24′ x 57′, 272 East Huron St.; cost, $8,000.

Le Grand Smith, three-st'y and basement brick flats, 50′ x 80′; Illinois St., near Cass St.; cost, $15,000.

Mrs. E. W. Evans, two-st'y brick dwell., 23′ x 43′, 59 Page St.; cost, $3,000.

Armory Association, First Regiment Cavalry, armory building, 125′ x 200′, on Michigan Ave., between Madison and Monroe Sts.; cost, $25,000.

J. Murphy, three-st'y and basement brick dwell., 21′ x 64′, 284 Hurlbut St.; cost, $4,500.

Mrs. A. Fleming, two-st'y and basement brick dwell., 22′ x 50′, 89 Evergreen Ave.; cost, $4,000.

W. K. Thomas, two-st'y and cellar brick dwell., 22′ x 43′, 260 West Congress St.; cost, $5,000.

D. O'Connell, two-st'y brick dwell., 23′ x 80′, 3452 Halsted St.; cost, $3,500.

M. O. Flaherty, two-st'y brick dwell., 22′ x 56′, 700 Thirty-first St.; cost, $4,000.

Wm. Walh, three-st'y and basement brick store and dwell., 577 Blue Island Ave.; cost, $15,000.

S. C. Wheedon, two-st'y and basement brick dwell., 32′ x 46′, 987 and 989 Wilcox St.; cost, $3,500.

Cincinnati.

THE MANUFACTURE OF BUILDING MATERIAL. — The forthcoming report of the Builders' Exchange is now going through the press, and the essential portions of it are furnished for publication. It shows that the amount of manufactured material used for building purposes during the past year aggregated from $12,000,000 to $13,000,000 in value. Such material only is included as is manufactured in Cincinnati. The increase of the product of last year is about fifteen per cent. This amount it is hardly probable will be equalled another year, for the reason that the strike of the building trades has seriously interfered with the operations of the present summer. It is observed that the character of the buildings in process of erection has improved. In the city proper the old two and three-story buildings are giving way to substantial six and seven story structures. Blocks of French flats have been found to pay a high rate of interest, and capital is being put freely into them. — *New York Times.*

ELEVATOR BIDS. — The bids for the Court-House elevators were as follows: William Miller, for elevators and towers combined, $8,650, and for elevators only, $5,285; H. J. Reely, elevators alone, $5,659; James L. Haven & Co., elevators alone, $5,865; N. M. Dennis, elevators alone, $5,143: Malloy bid for the tower alone $3,365, which with Dennis's bid for the elevators makes the two bids together $8,508, or $142 less than any other bids. The Commissioners awarded to William Miller, the only bid for elevators and towers combined.

BUILDING PERMITS. — Since our last report the following building permits have been issued: —

W. W. Scarborough, addition to two-st'y brick dwell., Seventh and Vine Sts.; cost, $6,000.

Geo. Heeder, three-st'y brick dwell., No. 748 Vine St.; cost, $5,500.

St. Xavier's Church, to rebuild the steeple destroyed by fire; cost, $10,000.

Peter Frantz, two-st'y brick dwell., Spring Grove Ave.; cost, $3,000.

Chas. S. Sargeant, alteration to store on Fourth St. near Vine St.; cost, $3,000.

Wm. C. Huntington, addition to three-st'y brick dwell., Elm St., near Fifth St.; cost, $7,000.

Baptist Church, one-st'y frame dwell., cor. Dayton and Whitemore Sts.; Chas. Crapsey, architect; cost, $2,500.

N. Wells, three-st'y dwell.; Sixers St., near Baum St.; cost, $4,500.

Nich May, 2 three-st'y brick dwells., Gest St., near Mill Creek; cost, $10,000.

Nine permits for repairs; cost, $5,100.

Cleveland.

CHURCH. — A brick church on Aaron St., for the Third Evangelical Reformed Church Society; cost, $8,500; Coburn & Barnum, architects; Geo. King, builder.

MANSION. — The New York *Times* says f sale of Baron Grant's mansion at Ken- is to be an absolute dispersion. It is fragments. As it was raised in a fairy- to depart and disappear off the earth's way. It was a house symbolic of that tock jobbery, and possibly it is not the e the world has seen. Within its walls ptured pieces of statuary and marble grand marble staircases, with marble untless Corinthian columns (designated 0 feet of marble flooring and dados, 70 rquetry flooring, 18 baths, and innumer- Everything is offered for sale bit by bit, ed as being parts of the ball-room, the ue and yellow drawing-rooms, lobby, ms, billiard-rooms, library, and ban- st of all English auctioneers, Robins, berry Hill, what a gorgeously grandilo- been forthcoming! There is, however, r and the public in this method of anni- irst must diminish, for no single stone in, and as to the public, the moral is ained are rarely lasting. It is by no sh method of sale will find its adapters s repeats itself." A later issue further ircases, with their lower landings sup- ng the seasons, and for which a few e paid $55,000, sold at the auction for n was Mme. Tussaud! Further items s: Four pairs of Italian marble fluted hich cost $5,000 per pair, sold for $500 he rear of the mansion sold for $685; hall realized $375; the four pairs of columns in the ball-room, which the pair, sold for $600 per pair. Among e $210 for the conservatory; $350 for all-room, and $200 for the ornamental ; $105 for an antique marble chimney- ooring, and $145 for the cast-iron grat- 250 for a handsome statuary marble ing-room, and $310 for a similar chim- room. The total proceeds of the day's , with the sum received from the pre- already received up to $30,000. As r the sale, the total proceeds are not telle of what these portions of the

the Paris Exhibition of 1878, Mr. A. the model of a self-winding clock, n such a manner as to merit further ixed at the Gare du Nord Terminus, ter six months' trial it was found to tory clock, not having varied in the k is wound by a small wind-mill, which himney, or any other place where a tol- be relied on. This wind-mill is, by a cels, continually drawing over a wheel which the clock-weight is supported. clock and the winding-machine, the rough the clock the slack chain drawn a constant motion is maintained. A or from turning the wrong way, and, ver the weight is wound right up to by a friction brake automatically ap- When the weight is thus raised to d to insure the proper working of the rs, and it will therefore be seen that n is not essential. It is said that Mr. e clocks for domestic purposes, and and ease of management are argu- — *Journal of the Society of Arts.*

Alexandria has lost her obelisk she almost equal historical value, though y a scientist must be trembling at this the eastern gate, you see before you nder column of red granite, 95 feet in istakably Grecian. This is the far- ropean guide-books, which give many ns of its peculiar name. In reality it with Cæsar's ill-fated rival beyond the aving been murdered near the spot. right in asserting it to be the sole sur- Serapeion, or great Temple of Serapis. ourists of all lands, and Arab peddlers ith "authentic" fragments of granite have been sold, not merely to make ut to build the whole Serapeion over f roystering British Blue-jackets from ived the idea of celebrating the anni- the pillar and emptying a can of grog Nelson. They accomplished their pur- with a rope attached to it, and having more than an hour, descended safely and Arabs, who had assembled to wit-

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

260,738. KITCHEN-RANGE HOT-WATER RESERVOIR. — Edward Bourne, Allegheny, Pa.

260,743. TAP-WRENCH. — Malcolm Campbell, Holyoke, Mass.

260,735. ADJUSTABLE PITCH-BOARD FOR SQUARES. — Chas. W. Hovis, Clintonville, Pa.

260,771. MONKEY-WRENCH. — Charles H. Miller, Erie, Pa.

260,793. DRAINAGE-APPARATUS. — Chas. Shinkle, Covington, Ky.

260,794. AUTOMATIC GATE-OPENER FOR ELEVATORS. — John F. S. Smith, Chicago, Ill.

260,795. SCREW. — Levi Smith, Tidioute, Pa.

260,803. ARTESIAN VACUUM-WELL. — David H. Tichenor, Newark, N. J.

260,816. DIP-TRAY FOR WATER-CLOSETS. — Frederick Adee, Brooklyn, N. Y.

260,823. SHINGLING-BRACKET. — Luther C. Jaques, Rock Rapids, Io.

260,873. SASH. — George H. Johnson, Bridgeport, Conn.

260,878-879. FIRE-ANNIHILATOR. — Isidor Kitsee, Cincinnati, O.

260,934. LATCH. — John Brownlee, Evansville, Ind.

260,952. FLUSHING-VALVE. — John Demarest, New York, N. Y.

260,953. WATER-CLOSET. — John Demarest, New York, N. Y.

260,965. WATER-CLOSET. — Joseph J. B. Frey, New York, N. Y.

260,966. PLUMBER'S COUPLING FOR THE BOWLS OF WATER-CLOSETS. — Joseph J. B. Frey, New York, N. Y.

260,967. SLOP-SAFE FOR WATER-CLOSETS. — Joseph J. B. Frey, New York, N. Y.

260,973. COMPOUND FOR GRAINING WOOD. — John T. Greenwood, Jr., Beloit, Wis.

260,993. FIRE-EXTINGUISHER. — Isidor Kitsee, Cincinnati, O.

261,097. AUGER. — Solomon Kuhlman, Canton, O.

261,098. AUTOMATIC FIRE-EXTINGUISHER AND ALARM. — Clemens Kupka, Phillipsburg, N. J.

261,002. FIRE-ESCAPE. — Henry A. Lee, New York, N. Y.

261,064. FIRE-ESCAPE. — Andrew Swanson, New York, N. Y.

261,075. FIRE-ESCAPE. — Sarah Toner Barr, Washington, D. C.

261,089. SEWER AND MEANS FOR FACILITATING THE DISCHARGE OF SEWAGE. — John Comstock, Hudson, Wis.

261,101. SAFETY DEVICE FOR ELEVATORS. — Cassius C. Palmer, Oakland, Cal.

261,119. WATER-FILTER. — Samuel Adams, Milwaukee, Wis.

261,121. FIRE-ESCAPE. — Francis A. A'Nealş, Topeka, Kan.

261,133. ELEVATOR-HATCHWAY GUARD. — Joseph Byers, Newton, and George Taylor, Everett, Mass.

261,137. FIRE-ESCAPE. — Gustave J. Crikelair, New York, N. Y.

261,150. HINGE. — Jas. E. Gowen, Peabody, Kan.

261,155. STOP-COCK INJECTOR FOR WATER-CLOSETS, ETC. — William L. Horne, Meriden, Conn.

261,158. FIRE-ESCAPE LADDER. — Frank G. Johnson, Brooklyn, N. Y.

261,202. CEILING. — James Budd, Boston, Mass.

261,217. PIPE-WRENCH. — Albert F. Fifield, Farmington, N. H.

261,221. ADJUSTABLE BLOWPIE FOR FIREPLACES AND STOVES. — Geo. W. Geissenbainer, Pittsburg, Pa.

261,227. DWELLING. — Benjamin R. Hawley, Chicago, Ill.

261,238. FIRE-ANNIHILATOR. — Isidor Kitsee, Cincinnati, O.

261,267. HEATING AND DRYING APPARATUS FOR LAUNDRIES. — Chester L. Smith, Norristown, Pa.

261,286. ELEVATOR SHAFT. — Samuel W. Willard, West De Pere, Wis.

261,291. VENTILATOR FOR WINDOWS. — Samuel K. Addoms, Brooklyn, N. Y.

261,338. HAMMER. — Christopher J. Grellner, St. Louis, Mo.

261,358. WATER-CLOSET MECHANISM. — David S. Keith, Toronto, Ontario, Can.

261,382. INSIDE WINDOW-BLIND. — Robert Pisak, Cleveland, O.

261,393. CHIMNEY-TOP. — Lewis C. Smith, Berlin, Wis.

261,404. VENTILATOR. — Alexander B. Summers, Brooklyn, N. Y.

261,451. DEVICE FOR VENTILATING SOIL-PIPES. — John D. Harrington, Auburn, N. Y.

261,475. FIRE-EXTINGUISHING AND ALARM APPARATUS. — Wm. Nerscher, Cleveland, O.

261,486. PIPE-WRENCH. — John E. Sanders, Indianapolis Ind.

261,487. DOOR-BALANCE. — William F. Sexton, Sr., and Wm. F. Sexton, Jr., Toronto, Ontario, Can.

SUMMARY OF THE WEEK.

Baltimore.

DWELLING. — Mr. Chas. Ross, n w cor. Biddle and Calvert Sts., 22' x 85', to be built of brick, with stone finish, three-st'y and an attic; probable cost, $2,000; Messrs. Smith & Bros., builders; Messrs. J. A. and W. T. Wilson, architects.

BUILDING PERMITS. — Since our last report nineteen permits have been granted, of which the more important are as follows: —

L. H. Robinson, 15 three-st'y brick buildings, Barclay St., between Lanvale and Townsend Sts.

L. H. Robinson, 5 three-st'y brick buildings, Lanvale St., between Greenmount Ave. and Barclay St.

L. H. Robinson, 10 two-st'y brick buildings, Carter Alley, between Lanvale and Townsend sts.

A. T. Abrams, 2 three-st'y brick buildings, Broadway, commencing at s w cor. of Miller St.

Julius Hines, one-st'y brick building, in rear of s e cor. Gay and Exeter Sts.

Johns Hopkins Estate, two-st'y brick building, Gellingham Alley, between Sharp and Howard Sts.

Geo. C. Herchman, 6 two-st'y brick buildings, Madeira Court, between Choptauk St. and Madeira Alley.

F. H. Seidlich, two-st'y brick stable, Raborg St., w of Arch St.

T. R. Sherwood, three-st'y brick building, Chester St., n of Baltimore St.

John Butler, two-st'y brick building, Marshall St., between Winder and Wells Sts.

John Parks, two-st'y brick building, Marshall St., between Winder & Wells Sts.

Geo. L. Krebs, 2 two-st'y brick buildings, Dallas St., between Fayette and Mulliken Sts.

Chas. W. Rockafeller, 8 three-st'y brick buildings, Mount St., beginning at the s w cor. of Presstmann St.

Chas. W. Rockafeller, 5 three-st'y brick buildings, Presstman St., beginning at the s e cor. of Bruce Alley.

Brooklyn.

BUILDING PERMITS. — *St. John's Pl.*, n s, 224' 7" e Sixth Ave., 2 three-st'y brownstone dwells.; cost, each, $10,000; owner, architect and builder, Thomas Green, 195 Sixth Ave.

North Twelfth St., s w cor. Second St., one-st'y frame glass-works; cost, $3,750; owner, Francis Storm, on premises; architect, E. E. Gaylor; builder, J. Monzani.

Pulaski St., s s, 400' w Marcy Ave., 7 two-st'y frame dwells.; cost, each, $3,000; owner, architect and builder, Daniel B. Norris, 359 Clifton Pl.

Grand Ave., n e cor. Lefferts Pl., brick church; cost, $38,000; owners, Trustees First Universalist Soc.; architect, L. B. Valk; builders, J. M. Brown & ——McRae.

Floyd St., s s, 175' e Sumner Ave., 3 three-st'y frame tenements; cost, each, $4,500; owner and mason, Geo. Straub, 315 Floyd St.; carpenter, J. Rueger.

Central Ave., e s, 70' s Jefferson St., 2 three-st'y brick tenements; cost, each, $5,000; owner, Leonard Eppig, Central Ave. and George St.; architect, J. Platte; builder, H. Zwing.

Grand St., n e cor. Seventh St., three-st'y brick building for business purposes and halls above; cost, $25,000; owners, Messrs. Higgins Bros., on premises; architect, E. F. Gaylor; mason, M. Smith.

Sterling Pl., s s, 104' 7" e Sixth Ave., 6 four-st'y brownstone tenements; cost, each $4,500; owner, architect and builder, G. W. Brown, 728 Fulton St.

Nevins St., s w cor. Sackett St., one-st'y brick gashouse; cost, $16,000; owner, Fulton Municipal Gas Co., 342 Fulton St.; architect, J. F. Harrison; builder, R. Deeves.

Greenpoint Ave., s s cor. Jewell St., three-st'y frame factory; cost, $5,000; owners, Young & Gerard, 153 Manhattan Ave.; architect, G. H. Gerard; builder, Thos. Davis.

Norman Ave., s e cor. Lorimer St., 3 two-st'y and basement frame dwells.; cost, $10,300; owner, W. F. Corwish, 55 Greenpoint Ave.; architect, Frederick Weber; builders, I. & J. Van River and Stephen M. Randall.

Ninth St., s w cor. Eighth Ave., 10 three-st'y brownstone flats; cost, $5,000 each; owner, Daniel Doody, cor. Fifth Ave. and Prospect St.

Fulton St., No. 518, three-st'y sandstone store; cost, $12,000; owners, Wm. Berris's Sons, 526 Fulton St.; architect, R. B. Eastman; builders, James Ashfield & Son and Morris & Selover.

Boston.

HOUSES. — Messrs. Allen & Kenway of Boston are architects of 2 houses for Mr. J. J. French and Mrs. Stratton, on Commonwealth Ave. They are to be built of brick, with stone finish, measuring 26' x 65' each, four-st'y; J. Smith, mason, and Leander Greely, carpenter.

STABLES. — Extensive alterations are being made to the Riverside Club stable, on Chestnut St.; Messrs. Rotch & Tilden, architects.

BUILDING PERMITS. — *Brick. — Bedford St., Nos. 57-63, and 51-61, Kingston St.*, Ward 10, for Fred. S. Ames, six-st'y mercantile, 60' x 158' and 226'; Messrs. Norcross Bros., builders.

West Fourth St., cor. D St., Ward 13, for John P. Mullen, three-st'y dwell., 20' x 38' 4"; John P. Mullen, builder.

West Fourth St., Nos. 303-303½, 2 three-st'y dwells., 20' x 38' 4"; John P. Mullen, builder.

Lenox St., No. 92, Ward 15, for Union Carpet Co., manufactory, 20' x 8'; J. W. Clark, builder.

Wood. — Marginal St., near Jeffries St., Ward 2, for Simpson Dry Dock Corp., storage, 20' x 65'; Wm. C. Chick, builder.

Beaumont St., near Carruth St., Ward 24, for Annie F. Carruth, two-st'y dwell., 27' x 39'; Haddock & Son, builders.

East Ninth St., near Douglass St., Ward 14, 2 two-st'y dwells., 20' x 32', for Geo. Martin; John Bertram, builder.

Florence St., n s, near Poplar St., Ward 23, for Edwin Coleman, dwell., 22' x 36' 6"; Alexander Rogers, builder.

L St., near East Fourth St., Ward 14, for Christopher Blacke, 2 two-st'y and mansard dwells., 17' x 28'; Clark & Lee, builders.

Park St., near Millett St., Ward 24, for Rodney W. Greenleaf, two-st'y dwell., 17' 6" x 46'; N. F. Berry, builder.

Washington St., rear of, near Keyes St., Ward 23, for M. Benjamin Ross, mercantile, 100' x 210'; Wm. Carpentor, builder.

Pratt St., near Linden St., Ward 25, for David Bramer, two-st'y hip dwell., 22' x 28'; D. F. Cameron, builder.

Chicago.

OFFICE-BUILDINGS. — Messrs. Mortimer & Tappen have plans nearly completed for a large eight-st'y office-building on La Salle St., between Monroe and Adams St., to cost $125,000.

Chas. Counselman will also build an eight-st'y office-building, on the n w cor. of La Salle and Jackson Sts.

Burnham & Root are the architects for both these buildings.

BUILDING PERMITS. — Derby & Pond, brick basement, 24' x 51', 71 McGregor St.; cost, $2,600.

F. Petersdorf, two-st'y brick store and dwell., 21' x 52', 330 Hurlbut St.; cost, $3,000.

Henry M. Gurn, two-st'y brick dwell., 41' x 45', Osborne St., near Ohio St.; cost, $4,600.

Thomas Morris, two-st'y and basement brick store and dwell., 25' x 33', 252 Ogden St.; cost, $3,000.

M. Sullivan, two-st'y and basement brick dwell., 20' x 42', 237 Oak St.; cost $5,000.

H. T. Mullen, two st'y and basement brick dwell., 20' x 48', 235 Oak St.; cost, $6,000.

A. Blake, three st'y brick flats, 25' x 65', 628 W. Monroe St.; cost $7,000.

John Studebaker, 5 two-st'y and basement brick dwells., 40' x 102', 693 to 697 Sedgwick St.; cost, $16,000.

E. Grom, three-st'y and basement brick store and dwell., 24' x 65', 909 Milwaukee Ave.; cost, $5,500.

G. Strobach, two-st'y and basement brick dwell., 19' x 45', 51 Hobbie St.; cost, $3,000.

W. A. Williams, two-st'y brick dwell., 22' x 48', 18 Lincoln St.; cost, $3,400.

Holsten, Stolhaske & Thurnbon, three one-st'y brick cottages, 20' x 40' each, 3534 to 3542 Marshfield Ave.; cost, $2,800.

Vac. Jachimstal, two-st'y and basement brick dwell., 21' x 60', 401 Twenty-sixth St.; cost, $4,600.

H. Copeland, 3 two-st'y and basement brick stores and flats, 32' x 50', 933 West Madison St.; cost, $5,500.

Mrs. E. L. Carswell, three-st'y and basement flats, 25' x 45', n w cor. LaSalle and Erie Sts.; cost, $5,000.

A. P. Larson, three-st'y brick flats, 45' x 47', 391-393 West Huron St.; cost, $6,000.

A. O. Slaughter, six-st'y and basement brick warehouse, 40' x 160', Wabash Ave., n of Congress St.; cost, $55,000.

Jacob Kramer, three-st'y and basement brick dwell., 45' x 67', 513 and 515 Congress St.; cost, $7,000.

E. Jennings & Co., six-st'y brick stores and factory, 80' x 100', 399 to 405 West Madison St.; cost, $35,000.

D. W. Potter, three-st'y and basement brick flats, 50' x 67', 849 to 853 West Madison St.; cost, $18,000.

N. C. King, two-st'y brick flats, 24' x 50', 1042 Wilcox Ave.; cost, $4,000.

W. C. Willing, three-st'y and basement brick flats, 24' x 50', 873 West Madison St.; cost, $7,000.

Otto Westerholm, two-st'y and basement brick store and dwell., 20' x 40', Milwaukee Ave. and Clinton Sts; cost, $2,500.

Conrad Dewitz, two-st'y brick dwell., 21' x 52', 3423 Dearborn St.; cost, $4,000.

Owen F. Aldis, three st'y brick dwell., 20' x 43', 24 Walton Pl.; cost, $6,000.

Samuel J. Inston, three-st'y and basement brick stores and flats, 70' x 70', 551 and 553 Blue Island Ave.; cost, $25,000.

Cincinnati.

STRIKE. — The boiler-makers who have been out on a strike for the past six weeks returned to work on the 17th inst., at an advance of ten per cent over former wages.

WORK-HOUSE. — Mr. Henry Bevis has prepared plans for an addition of a new dining-room and hospital to the Cincinnati work-house The different contracts were awarded on the 18th inst.; total cost, $15,000.

HOUSES. — Mr. Geo. W. Rapp is preparing plans for remodelling residence of Lewis Manns, on Laurel St., to cost $4,000.

Also a residence for Dr. J. W. Gradon, on Kemper Lane, Walnut Hills; cost, $10,000.

FLATS. — Messrs. G. & H. Muhlhauser have commenced a five-st'y building, 50' x 90', n w cor. of Court and Main Sts., to be used for stores and flats; cost, $40,000; Geo. W. Rapp, architect.

FACTORY. — The Butcher's Melting Association are to build a brick building, 60' x 100', at n w cor. of Findlay St. and Central Ave., from plans prepared by Geo. W. Rapp.

ADDITION. — Dr. N. B. Wolfe is to build addition to his residence, No. 160 John St.; cost, $3,000; Chas. Crapsey, architect.

ALTERATIONS. — Dr. T. A. Reamy is to remodel building, n e cor. of Fourth St. and Central Ave., for suit of offices; cost, $4,500; Chas. Crapsey, architect.

BUILDING PERMITS. — Since our last report the following permits have been issued: —

Harris & Co., Sixth Presbyterian Church, Eastern Ave., near Woodburn St.; cost, $9,000.

Henry Gentramp, 2 three-st'y brick dwells., Race St., near Fifteenth St.; cost, $7,000.

Ben Thalans, three-st'y brick dwell., Longworth St., near Mound St.; cost, $5,000.

Mr. Watt, 2 three-st'y brick dwells., Linn St., near Court St.; cost, $4,600.

R. Meinenreith, three-st'y brick dwell., Poplar St., near Western Ave.; cost, $4,600.

Russell, Morgan & Co., six-st'y brick dwell., cor. of Sixth St. and Eggleston Ave.; Henry Bevis, architect; cost, $60,000.

James Anderson, 2 four-st'y brick dwells., Race St., near Fifteenth St.; cost, $10,000.

Mr. W. G. Orr, two-st'y brick dwell., Woodburn Ave., near Clay St.; cost, $5,000.

L. Burchardt, 2 two-st'y brick dwells., n w cor. Auburn Ave. and McMillan St.; cost, $10,000; J. W. McLaughlin, architect.

J. Weist, three-st'y brick dwell., Western Ave., near Liberty St.; cost, $5,000.

Wm. Boedemer, three-st'y brick dwell., Findlay St., near Freeman St.; cost, $6,000; G. W. Rapp, architect.

Geo. Koch, three-st'y brick dwell., No. 76 Harrison Pike; cost, $5,000.

Nine permits for repairs; cost, $4,200.

- A Russian officer, Colonel Blum, has
dan for joining the Sea of Azof with
nal. As the Caspian is likewise to be
the east, there will be a direct route
Khiva, Bokhara, and the other parts of
y Russia, and those that are still inde-
n as late as the middle of the sixteenth
Amu Daria flowed through the Sea of
Caspian through a mouth which has
th sand. The Sea of Azof is 25 me-
tres higher than the Caspian Sea. If
ed out on a sufficient scale, it will ere
eam from the Atlantic into the centre
the wilds of Tartary. — *The Builder.*

orted that a monster mushroom has
tinch flooring of concrete and asphalt
bulge in the floor was first noticed
he break did not occur until Wednes-

t is said that an area of 93,000 acres
nsas under the new law relating to
was largely planted on account of its
e set with walnut trees. The expec-
course of time, to relieve the climate

he rapid increase of population in
ventive geniuses of the Dominion to
able and quickly put up. L. Forest,
he that is in three-foot sections, and
a hotel or boarding establishment,
r 100 feet long, two stories high, and
t to accommodate 250 guests. The
and the house was completed on the
Northwestern Lumberman.

—The rock excavated on the West
Cameron & Fagin's contract, where the
esday, has a very peculiar quality. It
e other vines, the slightest scratch by
ning sore. The thing is quite a new
leaves the wounds to those injured
Middletown Argus.

Caracc —A valuable and interesting
as of, and was supposed to
bee. vered at Baden, in Canton
ning, one of Annibale Caracci's mas-
vent at Baden owed its existence to
and Saxonia. The members of the
, were so impressed by the preaching
l to commemorate their services by
The Spanish Ambassador paid for
, and his master, Philip II, presented
y Caracci. In 1593 the church was
ay. A century or so thereafter the
local artist to be cleaned. The local
the monks, instead of replacing it in
e away in a lumber room. In 1841,
were secularized, the gift of Philip II
auction for a few francs. The buyer
iece of old canvas when Herr Brun-
ietor of the Ship Hotel at Baden,
othing, and, without having any idea
ase. A few months ago it occurred to
e the painting cleaned and restored,
Cæsar, the famous picture-cleaner of
ing of dirt and dust was removed, the
renowned altar-piece of Philip II was
artist's signature, Annibal Carracius
ere can be no question that it is really
figures, of which there are five, are

T. Browne, of Stockton, has recently
ch promises to revolutionize those
he hammer plays an important part.
s arranged so that their faces extend
l and strike a sliding rod, to which is
quartz-crusher, or whatever device is
l work. When these hammers strike
ibition is fixed to drill rock—they
ost remarkable manner, without per-
of the wheel. They spring into posi-
roke. The machine now in operation
man turning it can deliver 400 power-
es of rock show the work that the
stone a man drills an inch a minute,
A ratchet turns the drill a small frac-
l all the driller has to do is to turn the
f an inch to an inch can be drilled in
ers each weigh eleven pounds. Turn-
minute the machine delivers 320 blows
volutions give 400 blows of eighty-two
tions give 430 blows of ninety nine
twenty a minute.—[*Stockton (Cal.)*

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

261,553. DOOR-HANGER. — David L. Jaques, Cleveland, O.

261,583. PRESSURE-RESERVOIR FOR SUPPLYING FLUSH-WATER TO WATER-CLOSETS. — Richard R. Coggin and John A. Scollay, Brooklyn, N. Y.

261,584. FIRE-ESCAPE. — Lewis Coller, Flint, Mich.

261,588. BOLT. — George Cruttenden, Jr., Montclair, N. J.

261,604. KNOB ATTACHMENT. — Oliver M. Hidden, Detroit, Mich.

261,670. DOOR-SPRING. — Malcolm Campbell, Holyoke, Mass.

261,709. AUTOMATIC FIRE-EXTINGUISHER. — Ozro C. Heath, Providence, R. I.

261,714. ELEVATOR. — John V. Hope, Wednesbury, County of Stafford, Eng.

261,720. ILLUMINATING-TILE. — Joshua K. Ingalls, Glenora, N. Y.

261,761. KNOB-ATTACHMENT. — George Price, Birmingham, County of Warwick, England.

261,764. VENTILATOR. — William W. Robinson, Ripon, Wis.

261,772. FIRE-GUARD FOR PLACES OF AMUSEMENT. — William C. Shaffer and Samuel M. Plush, Philadelphia, Pa.

261,789. LOCK. — William C. Thompson, Minneapolis, Minn.

261,797. SASH-BALANCE. — William Wimer, Union County, Ind.

261,818. WATER-CLOSET. — Geo. C. Phillips, Boston, Mass.

SUMMARY OF THE WEEK.

Baltimore.

BUILDING PERMITS. — Since our last report twenty-six permits have been granted, of which the following are the more important: —

Mary Kemp, two-st'y brick dwell., Marshall Ave., between Wells and Winer Sts.

Chas. A. Rous, three-st'y brick building, n w cor. Biddle and Calvert Sts.

Baltimore Steam Packet Co., two-st'y brick office, foot of Union Dock.

John Scheuler, three-st'y brick building, Fremont St., between Columbia and Paca Sts.

Henry Zieget, two-st'y brick building, n e cor. Monument St. and Duncan Alley.

P. T. George & Co., four-st'y brick warehouse, Calvert St., between Franklin and Centre Sts.

Church of Ascension Parsonage, two-st'y brick building, with mansard roof, Arlington Ave., between Townsend and Lanvale Sts.

Gustavus Moore, two-st'y brick stable, in rear of Division St., between Bloom and Gold Sts.

A. J. Lightner, two-st'y brick building, s e cor. Greenmount Ave. and Biddle St.

Alonzo Lilly, 2 three-st'y brick buildings, n w cor. Madison and Bloom Sts.

Boston.

BUILDING PERMITS. — *Brick. — Village St., No.* 35, Ward 16, for James T. Eldredge, four-st'y dwell., 50' x 52'; Stephen Moran, builder.

Village St., No. 33, Ward 16, for James T. Eldredge, four-st'y family hotel, 50' x 52'; Stephen Moran, builder.

Sudbury St., Nos. 30-34, cor. Portland St., for Levi Boles, four-st'y mechanical and stores, 42' and 44' x 51'; Sampson, Clark & Co., builders.

Portland St., Nos. 105-113, *Merrimac St., Nos.* 50-56, *and Market St.*, Ward 7, for Wm. H. Thorndike, four-st'y lodging house and stores, 45' x 58' and 60'; Chas. J. Lord, builder.

Commonwealth Ave., No. 128, Ward 11, for Samuel M. Shapleigh, four-st'y dwell., 26' x 67' 8".

Commonwealth Ave., No. 130, Ward 11, for Wm. S. Rand, four-st'y dwell., 26' x 67' 8".

Newbury St., Nos. 168-178, Ward 11, for Silas W. Merrill, 6 three-st'y and mansard dwells., 22' x 55'; Silas W. Merrill, builder.

Hanover St., No. 180, Ward 6, for Mrs. M. Cotter, four-st'y dwell. and store, 15' 6" and 17' x 51'; Robert R. Mayers, builder.

Washington St., rear of, near Grove St., Ward 23, for Anna C. Brodbeck, building, 18' 6" x 24'; John Fuchs, builder.

Kenilworth St., near Dudley St., Ward 21, for City of Boston, three-st'y grammar school-house, 65' 4" x 144' 2"; John Southerland, builder.

Portland St., Nos. 1-7, cor. Hanover St., Ward 7, for Richard Stone, Jr., Trustee, four-st'y mercantile and stores, 17' 7½" x 95' 3"; Wm. M. Rumery & Co., builders.

Wood. — Linden St., near Fairington Ave., Ward 25, for Jesse Tirrel, 2 two-st'y dwells., 15' and 20' x 50'; H. M. Perry, builder.

Sheridan Ave., near Terrace Ave., Ward 23, for Andrew Cassidy, two-st'y dwell., 22' x 30'; James Cassidy, builder.

Tremont St., No. 1176, Ward 19, for Whittier Machine Co., iron storage, 21' x 80'; C. Tilden, Jr., builder.

Commercial St., near Mills St., Ward 24, for John Cotter, storage, 14' 9" x 19' and 24'; John Cotter, builder.

Wyman St., near Chestnut Ave., Ward 23, for Henry Vackert, two-st'y dwell., 23' x 30'; John L. Dakin, builder.

Washington St., near Keyes St., Ward 23, for Eben Weld, two-st'y dwell., 15' and 28' x 30', A. A. Ayers, builder.

Blue Hill Ave., cor. Edgewood St., Ward 21, for Daniel A. Johnson, dwell. and stores, 26' x 42'; Henry J. Bartlett, builder.

Unnamed Pl., off Rand St., near Blue Hill Ave., Ward 20, for Bernard Foley, 2 two-st'y dwells., 20' x 30'; ell, 15' x 20'; Henry J. Bartlett, builder.

Elm St., near Ford St., Ward 1, for Benjamin Church, dwell., 20' x 27'; Geo. W. Adams, builder.

Brooklyn.

BUILDING PERMITS. — *Fourth Pl., No.* 2, s e cor. Henry St., three-st'y brick store and dwell., 24' 6" x 43'; cost, $5,000; owner, architect and builder, Thomas Keogh, 149½ Nelson St.

Furman St., on rear No. 146 Columbia Heights, five-st'y brick tenement; cost, $12,000; owner, Isaac Henderson, 208 Broadway, New York; builders, R. L. Darragh & Co.

Warren St., No. 370, s s, about 350' e Smith St., four-st'y brick tenement; cost, $6,000; owner, John Daly, 137 Smith St.

Dikeman St., s s, between Ferris and Partition Sts., one-st'y brick smith shop; cost, $3,000; owner, Lidgerwood Manufacturing Co., 96 Liberty St., New York; architect, A. V. Beekman; builders, P. Carlin & Son, and J. Martin.

Lexington Ave., s s, 354' w Lewis Ave., 5 three-st'y brick tenements; cost, each, $4,000; owner, John P. Hudson; builder, F. Weeks.

Douglass St., n s, 133' e Washington Ave., three-st'y brick and brownstone dwell.; cost, $8,000; owner, Thos. Monahan; architect, J. D. Reynolds.

Hancock St., s s, 100' w Marcy Ave., 4 three-st'y brownstone dwells.; cost, each, $7,000; owner and builder, H. A. Weed; architect, J. D. Reynolds.

Madison St., n s, 200' e Nostrand Ave., 5 two-st'y brownstone dwells.; cost, each, $3,500; owner, architect and carpenter, T. W. Swimm, 389 Putnam Ave.; mason, P. Costello.

Seventh Ave., w s, 20' s Lincoln Pl., three-st'y brick dwell.; cost, $9,000; owner, H. B. Parsons, Gates Ave.; architect, W. H. Wood; builders, T. B. Rutan and J. Lee.

Fifth St., n s, 120' e Seventh Ave., 10 three-st'y brownstone dwells; cost, each, $4,000; owner, Chas. Long, 383 Eleventh St.; builder, J. F. Wood.

Columbia Heights, s w cor. Middagh St., 3 four-st'y brownstone tenements; cost, each, $12,000; owner, Cornelius Donnellon, Pacific St., near Henry St.; architect, G. P. Chappell.

Carlton Ave., n w cor. Bergen St., 2 two-st'y brownstone dwells.; total cost, $14,000; owner, Mrs. Mary Skelly; architect, C. Werner; builder, A. Wilson.

Twenty-second St., s s, about 72' e Sixth Ave., two-st'y brick stable; cost, $2,500; owner, Wm. Aikens, Sixth Ave. and Twenty-second St.; architect, E. C. Squance.

Main St., Nos. 64 *and* 66, w s, 125' from Front St., 2 five-st'y brick tenements; cost, $11,000 each; owner, J. W. Knight, 114 Hall St.; architect, J. G. Glover; builders, M. J. J. Reynolds and M. C. Rush.

York St., n s, between Jay and Bridge Sts., three-st'y brick school-house; cost, $40,000; owners, Board of Education; architect, J. N. Naughton; builders, P. J. Carlin and P. F. O'Brien.

Chicago.

CHURCH. — The corner-stone of the Bohemian Catholic Church, St. Procopius, cor. Allport Ave. and West Eighteenth St., was laid July 23.

BUILDING PERMITS. — Carl Lubke, two-st'y and basement brick dwell., 24' x 50', 520 Eighteenth St.; cost, $4,000.

E. C. Howard, two-st'y brick dwell., 20' x 42', Kedzie Ave., near Lake St.; cost, $4,500.

D. F. Crilly, 9 three-st'y and basement brick stores and dwells., 75' x 70', cor. Thirty-first St. and Prairie Ave.; cost, $75,000.

N. Gould & Son, four-st'y and basement brick piano factory, 48' x 50', 2219 and 2221 Cottage Grove Ave.; cost, $3,800.

Joachim Miller, two-st'y brick dwell., 22' x 40', 47 McMullen St.; cost, $3,000.

Hugh Bradshaw, three-st'y and basement brick store and dwell., 21' x 50', 209 Lake St.; cost, $7,500.

Chas. Dehning, three-st'y brick dwell., 25' x 57', 499 Sedgwick St.; cost, $6,000.

A. F. Weinberger, two-st'y brick dwell., 25' x 50', 27 Ewing Pl.; cost, $7,000.

K. Kromer, three-st'y brick store and dwell., 25' x 70', 2222 State St.; cost, $9,000.

Kirby Cider Co., three-st'y and basement brick cider factory, 540, 542 and 544 South Clark St.; cost, $12,000.

F. H. Johnson, two-st'y brick dwell., 25' x 75, 3441 Vernon Ave.; cost, $5,500.

Board of Education, three-st'y and basement brick school-house, 78' x 85', Indiana and Sangamon Sts.; cost, $40,000.

Board of Education, three-st'y and basement brick school-house, 78' x 85', Throop and Twentieth Sts.; cost, $40,000.

Ellis Hahn, two-st'y and basement brick dwell. and barn, 21' x 46', Wood and Yeaton Sts.; cost, $3,000.

Foster Lamb, two-st'y brick dwell., 23' x 60', 81 Hoyne Ave.; cost, $4,000.

F. Kiver, two-st'y and basement brick dwell., 24' x 56', 526 North Halsted St.; cost, $5,000.

C. Missen, two-st'y and basement brick dwell., 22' x 56', 877 North Halsted St.; cost, $5,000.

H. L. Dahl, two-st'y and basement brick dwell., 26' x 45', 634 North La Salle St.; cost, $5,000.

B. M. Fox, two-st'y and basement brick factory, 24' x 80', 270 Clinton St.; cost, $10,000.

Thos. Nestor, two-st'y brick dwell., 22' x 60', 679 Twentieth St.; cost, $4,500.

P. M. Almini, two-st'y and basement brick flats, 32' x 40', 29 and 41 Walton Pl.; cost, $6,000.

James Garrett, three-st'y and cellar brick flats, 22' x 66', 351 Adams St.; cost, $5,000.

S. L. Robinson, two-st'y brick dwell., 22' x 40', 489 Belden Ave.; cost, $4,500.

C. D. & W. B. Holton, two-st'y brick store and dwell., 41' x 48', Cottage Grove Ave. and Thirty-seventh St.; cost, $4,000.

C. W. & E. Pardridge, 18 two-st'y brick dwells., 16' x 60' each, 222 Thirty-seventh St.; cost, $40,000.

Mrs. J. E. Sweatt, two-st'y brick dwell., 22' x 40', 3734 Calumet Ave.; cost, $3,000.

H. A. Huntington, three-st'y and basement brick dwell., 25' x 75', 28 Walton Pl.; cost, $10,000.

C. W. Fullerton, three-st'y and basement brick dwell., 28' x 87', 30 Walton Pl.; cost, $15,000.

Eliza Flaschhauer, two-st'y and basement brick dwell., 20' x 66', 732 Hinman St.; cost, $4,000.

J. L. Campbell, 5 two-st'y and cellar dwells., 40' x 108', Polk and Dekalb Sts.; cost, $15,000.

FLATS. — Mr. Wheeler is to build flats at the corner of Rush and Ohio Sts., to cost $120,000, from plans prepared by John Addison, architect. He has also plans for three stores on Wabash Ave., to cost $15,000 each.

Mrs. F. H. Johnson is to build three-st'y flats on Vernon Ave., between Thirty-fourth and Thirty-fifth Sts., from plans by W. L. Carroll.

Cincinnati.

PRICES. — Broken ashlar work laid with Ohio free-stone costs about the same as the same quality of work laid with the Hill limestone. This fact was ascertained by recent bids.

BUILDING PERMITS. — Since our last report the following building permits have been issued: —

Peter B. Lanek, 2 three-st'y brick dwells, Eighth St., near State Ave.; cost, $12,000.

A. R. Von Martels, two-st'y brick dwell., No. 44 Brown St.; cost, $4,500.

John P. Shaw, two-st'y frame dwell., Gest St., near C. H. & D. R. R.; cost, $2,000.

Robt. Renolds, two-st'y brick dwell., n w cor. Addison and Plum Sts.; cost, $2,500.

Dr. Thad. A. Reamy, addition to three-st'y brick dwell., n e cor. Fourth and John Sts.; Chas. Crapsey, architect; cost, $5,500.

Mary Mocherson, two-st'y frame dwell., McMillan and Locust Sts.; cost, $2,000.

Henry Martin, addition to four-st'y brick dwell., cor. of Twelfth and Main Sts.; cost, $5,000.

C. Nelson, two-st'y brick dwell., Fourth Ave. and Centre St.; cost, $6,000.

Mrs. Jacob Finnegan, four-st'y brick dwell., 54 George St.; cost, $7,000.

H. Restert, three-st'y brick dwell., s e cor. Second Ave. and James St.; cost, $2,500.

Mrs. Mugerheier, three-st'y brick dwell., Poplar St., near Dalton Ave.; cost, $4,500.

Mrs. Jacob Fricker, two-st'y brick dwell., Brown St., near Baymiller St.; cost, $3,000.

Henry Sinnderbruck, two-st'y brick dwell., Vine St., near Mollter St.; cost, $5,000.

V. P. Evans, two-st'y brick dwell., Eighth St., near Linn St.; cost, $3,500.

Henry Tarsing, three-st'y brick dwell., 129 Woodward St.; cost, $6,000.

W. C. Peale, three-st'y brick dwell., 414 Court St.; cost, $3,500.

Eleven permits for repairs; cost, $7,000.

Total permits to date, 462.

Total cost to date, $1,293,400.

New York.

FACTORY. — For Messrs. F. C. Linde, Hamilton & Co., a six-st'y and basement brick warehouse, 50' x 100', is to be built on Thirty-third St., e of First Ave., at a cost of about $35,000, from designs of Messrs. H. J. Schwarzmann & Co.

ALTERATION. — The residence of Mr. Wm. S. Livingston, No. 113 East Seventeenth St., is to have exterior alterations from designs of Mr. E. Gandolfo.

HOUSE. — On the cor. of Madison Ave. and Sixty-ninth St., a residence, 24' x 55', of brick and Belleville stone, is to be built for Mr. A. Kuhroff, from designs of Mr. Wm. Schickel. It is to be fire-proof, with hard-wood finish throughout, and will cost about $130,000.

BUILDING PERMITS. — *Lexington Ave.*, e s, 64' n One Hundred and Twenty-seventh St., 2 three-st'y brick and stone dwells.; cost, each, $7,000; owner, Charles E. Van Tassel, Yonkers; architect, Chas. Baxter.

Seventy-sixth St., s s, 100' w Ave. A, 2 five-st'y brick tenements; cost, each, $18,000; owner, A. H. Jonas, 152 Delancey St.; architect, Chas. Baxter.

Tenth Ave., n w cor. Sixty-first St., five-st'y brownstone tenement; cost, $20,000; owners, F. R. Heerlein and G. Reichert, 932 Second Ave.; architect, W. Jose; builders, Joseph Schreiber & son.

Tenth Ave., w s, 25' n Sixty-first St., 3 five-st'y brownstone tenements; cost, each, $16,000; owners, architect and builders, same as last.

Washington St., s w cor. Bethune St., five-st'y brick warehouse; cost, $25,000; owner, Rubber Paint Co., Cleveland, O., N. C. Brewer, office in New York, 535 West St.; architect, Chas. Werner; builder, John Allen.

Forty-second St., s s, 200' e Third Ave., 2 five-st'y brick tenements; cost, each, $10,000; owner, Marks Rinaldo, 220 East Thirty-third St.; architect, A. B. Ogden.

Fifty-fifth St., s s, 146' w First Ave., 3 five-st'y brick tenements; cost, each, $10,000; owner and architect, same as last.

Eleventh Ave., n e cor. Fifty-third St., 4 five-st'y brick tenements; cost, each, $12,500; owner, Elsworth L. Striker, 309 West Fifty-first St.; architect, A. Spence; builders, John A. O'Connor & Co.

Tenth Ave., Nos. 455, 457 *and* 459, two-st'y brick church; cost, $30,000; owner, Broadway Tabernacle Society; architect, H. J. Dudley.

Centre St., Nos. 63 *and* 65, rear, three-st'y brick factory; cost, $5,000; owner, Colwell Lead Co., J. Hooper, President, 374 West Thirty-fifth St.; builder, E. Smith.

Sixty-first St., n s, 92' w Tenth Ave., 4 five-st'y brick tenements, brownstone trimmings; cost, each, $16,000; owners, F. Heerlein and G. Reichert, 932 Second Ave.; architect, Wm. Jose; builders, Joseph Schaeffer & Son.

Seventy-second St., n s, 100' w Madison Ave., four-st'y brownstone dwell.; cost, $40,000; owner, Anna McDonald, 271 East Seventy eighth St.; architect, Jas. E. Ware; builder, Charles McDonald.

First Ave., e s, 50' s One Hundred and Nineteenth St., 3 four-st'y brick stores and tenements; cost,

w theory of combustion was prac-
Fletcher, of Warrington, at a soirée
at Owens College, the results being
esent would, and in fact did, go away
ception was being practised. Mr.
ese fusing disc, has stated his be-
luce combustion without flame, the
m any fuel would be enormously
Fletcher to not only prove the pos-
more than one form, but also to
usly high temperatures which can
g a ball of iron wire about three
aced it on a slab of fire-clay, and
r a few seconds he suddenly blew
ncreased so rapidly that in a few
ran into drops, and this tempera-
room was darkened, but the closest
flame, although the fact that the
eatedly relighting and extinguish-
eated in another form by directing
ay chamber, in which a refractory
ckel melting, was partially fused
y, the sides of the fire-clay cham-
The heat was so tremendous that
given up to Mr. Fletcher for the
greeable, in spite of open windows
very can be utilized remains to be
sence of flame, usually considered
an indication of imperfect results,
only when flame is totally absent.
as those obtained by Mr. Fletcher
been obtained with the fuel used,
all gas-supply for a quarter-inch
Architect.

correspondent at Sienna gives us
n Tuscany. Between thirty and
sitation, lasting from the morning
ay night. The earthquake began
with two slight shocks, followed
strong that the soldiers were all
eople rushed out of the houses on
es rocked; the plaster came tum-
cks were repeated, some strong,
intervals of a quarter to half an
bells were rung; the thrice-holy
Some of the nobility, afraid of
ckrag to the Lizza and slept
the r there came a shock
mine ... been sprung under the
cussions decreased. On Wednes-
frequent, as though an invisible
y night there was no rocking, the
es became less stringent; and so
fely "recommend the uncovering
As to the causes of the phenome-
owing to the municipality having
ck before." — *Pall Mall Gazette.*

EAR CORINTH. — Eastward from
ing a road broke through a tomb
e sides were destroyed, and the
rs a very rare specimen of Greek
wall is divided into four parts, of
ntaining pictures of grapes and
niches with three well-preserved
In the fourth and lowest division
eat or drink from vessels. In the
cenes. One represents the fune-
nd which a helmeted figure and
ed by the ancients at their meals.
te cloth over his legs. Another
the couch. Other figures appear
of. The Archæological Museum
ssor Lytras in order to preserve
s as well as of the scenes in so
Tribune.

ING. — Why do you make so
s work of our houses, to the ex-
Pull down any building, if it be
ired years old, and you will not
utters and joists were all bolted
e tools of the destroyer. Many
of late years — as unfortunately
has shown itself to have been
w. There are arguments in the
vor of the use of nails in house-
ared with the solid advantages
s in time canker and rot rafters
r "like grim death," and render
ster Flying Post.

said that the Custom-House at
upon which it stands has been
s. The present building was
2,300,000.

at in one building in Berlin — a
onnected — 1,258 persons make

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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BUILDING PATENTS.

[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

261,838. HEATER. — Stephen Ducolin, Norwood, N. Y.

261,843. FIRE-LADDER. — David Friedheim, New York, N. Y.

261,847. FIRE-ESCAPE. — John Graff, New York, N. Y.

261,874. FIRE-LADDER. — George W. Rich, Portland, Me.

261,875. SASH-BALANCE. — S. Howland Russell, New York, N. Y.

261,879. APPARATUS FOR HEATING AND VENTILATING BUILDINGS. — Isaac D. Smead, Toledo, O.

261,880-881. ELEVATOR. — William Stephens, Philadelphia, Pa.

261,884. HEATER. — Robert M. Weir, Boone, Io.

261,911. BRICK-MACHINE. — Jas. C. Conroy, Allegheny, and Henry D. Kilgore, Pittsburg, Pa.

261,921. VENTILATING WINDOWS. — Herman Hart, Muncie, Ind.

261,925. SCREW-DRIVER. — Eduard Herzle, Jersey City, N. J.

261,932. SAW-HANDLE. — Carey W. Knapp, Geneva, O.

261,945. HOT-AIR REGISTER. — Walter C. Munson, Brooklyn, N. Y.

261,968. KNOB-ATTACHMENT. — Warren H. Taylor, Stamford, Conn.

261,972. WATER-ELEVATOR. — John S. Wallace, Nelsonville, O.

261,974. WATER-CLOSET. — Peter White, St. Louis, Mo.

261,991. WASH-STAND. — Nathan O. Bond, Fairfax Court-House, Va.

262,005. DOOR-SPRING AND PNEUMATIC DOOR-CHECK. — Walter C. Clark, Auburndale, and Edward W. Gillon, Boston, Mass.

262,007. SUBTERRANEAN DUMB-WAITER. — John L. Connable, Xenia, O.

262,038. SASH-FASTENER. — William P. Hayhurst, Argentine, Kan.

262,068. DOOR-HANGER. — Timothy Lynch, Dundee, N. Y.

262,120. DOOR-HANGER. — Henry E. Richards, Ottawa, Ill.

262,133. ARTIFICIAL PAVING AND BUILDING MATERIAL. — Alexander L. Scott, Philadelphia, Pa.

262,154. ELEVATOR. — Charles H. Vincent, Lynn, Mass.

SUMMARY OF THE WEEK.

Baltimore.

BUILDING PERMITS. — Since our last report twenty-one permits have been granted, the more important of which are the following: —

T. H. Morrow, 2 two-st'y brick buildings, Comb Alley, between Hill and York Sts.

C. H. Pindell and T. H. Frisby, 8 two-st'y brick buildings, Paca St., between West and Stockholm Sts.

W. A. Hanway, 5 three-st'y brick buildings, Roberts St., between Druid Hill Ave. and Etting St.

G. F. Bachman, 3 two-st'y brick buildings, Poultney St., o of James Alley.

Boston.

BUILDING PERMITS. — *Brick.* — *Chardon St.*, near Hawkins St., Ward 7, for S. H. Beals, six-st'y mercantile, 85' x 114' and 118'; T. J. Whidden & Co., builders.

Columbus Ave., B. & P. R. R. yard, for B. & P. R. R. Co., Truck offices, 17' 6" x 22'.

Washington St., Nos. 2157-2163, cor. Winthrop and Winslow Places, Ward 19, for Wm. Sheafe, five-st'y stores and tenements, 51' 9" and 52' 8" x 150'; J. W. Coburn & Co., builders.

Winthrop Pl., near Washington St., Ward 19, for Wm. Sheafe, four-st'y dwell., 44' and 47' x 46'; J. W. Coburn & Co., builders.

East First St., rear, opposite N St., Ward 14, for City of Boston, two-st'y mansard stable, 36' x 56'; Dady & Flint, builders.

House of Correction Grounds, two-st'y mansard stable, 36' x 56'; Dady & Flint, builders.

Atlantic Ave., rear 366 Foster's Wharf, Ward 12, for Foster's Wharf Co., three-st'y stable, 32' x 34'; Wm. M. Rumery & Co., builders.

Brooklyn.

BUILDING PERMITS. — *Berkeley Pl.*, s s, 150' e Sixth Ave., 2 three-st'y brownstone dwells.; cost, each, $9,000; owner, M. M. Vail, 151 East Sixty-first St., New York; architect, M. J. Morrill; builder, Thos. Ward.

Stagg St., e s, 200' n Bushwick Ave., three-st'y frame tenement; cost, $4,000; owner, Ellen Wilson, 250 Stagg St.; architect, G. Wilson.

Kosciusko St., s s, 125' w Tompkins Ave., three-st'y frame factory; cost, $3,000; owners, Joseph Wild & Co.; architect, J. D. Reynold; builder, T. E. Greenland.

Fourth Ave., e s, 23' n Prospect Ave., 3 two-st'y frame dwells.; cost, $1,200; owner, J. H. Watson, 421 Grand Ave.; builder, J. H. Edwards.

Stanhope St., n s, 125' e Central Ave., three-st'y frame tenement; cost, $3,000; owner, architect and builder, C. Isbill, 593 Herkimer St.

Marcy Ave., s e cor. Park Ave., one-st'y frame church; cost, $9,000; owner, Tompkins Ave. Congregation Soc.; architects, Parfitt Bros.

Herkimer St., s s, 47' e Columbus Pl., 2 two-st'y frame dwells.; cost, each, $2,300; owner, Helena Bossong, 256 Houston St., New York; architect, —— Gilbert; builders, A. Bossong and John Frye.

Greene St., No. 206, s s, 175' w Oakland Ave., three-st'y frame tenement; cost, $2,875; owner, J. Hogan, on premises; architect, —— Gamble; mason, J. Hogan; carpenters, Port & Gamble.

Chicago.

HOSPITAL. — St. Luke's Hospital will build five new buildings for hospital purposes from plans by Treat & Folz. They will be the administration building, the autopsy and kitchen buildings, and two pavilions. They are to be built on Indiana Ave., s of Fourteenth St., and to cost $150,000.

FACTORY. — Johnson & Arneson will build a four-st'y furniture factory of brick, 50' x 156', on Noble St., between Ohio and Indiana Sts., from plans by C. O. Hausen, to cost $11,000.

BUILDING PERMITS. — E. B. Sheldon, three-st'y brick flats, 25' x 40', 747 Wells St.; cost, $6,000.

Wm. Sebastian, three-st'y and basement brick stores and flats, 40' x 64', 353 and 355 Sedgwick St.; cost, $12,000.

Mrs. M. Mund, one-st'y brick store, 22' x 64', 593 Clybourn Ave.; cost, $4,000.

C. Kahles, three-st'y brick store and flats, 1019 West Madison St.; cost, $9,000.

Thomas Deady, three-st'y and basement brick store and dwell., 24' x 62', 1211 Blue Island Ave.; cost, $5,500.

Davis Studley, two-st'y brick dwell., 20' x 58', 107 Winchester Ave.; cost, $4,000.

Wm. Flanneforth, two-st'y brick store and dwell., 25' x 59', 506 Chicago Ave.; cost, $3,500.

Thorson & Tollakson, five-st'y brick factory, 60' x 70', 37-39 Armor St.; cost, $15,000; C. O. Hansen, architect.

James Otis, two-st'y brick dwell., 20' x 40', No. 2421 Michigan Ave.; cost, $7,000.

L. Warlich, additional story, 20' x 40', 39 North Clark St.; cost, $3,000.

John Beidner, three-st'y brick store and dwell., 25' x 70', 580 Blue Island Ave.; cost, $7,000.

R. M. Cherrie, two-st'y brick barn, 26' x 50', 2541 Wabash Ave.; cost, $3,500.

F. Larned, 6 two-st'y and basement brick dwells., 40' x 120', Stanton Ave.; cost, $12,000.

L. Endres, three-st'y and basement brick store and dwell., 23' x 56', 2350 Cottage Grove Ave.; cost, $7,500.

Joseph Roubick, three-st'y and basement brick store and dwell., 25' x 64', 239 West Twelfth St.; cost, $8,000.

Julius Zuehlke, two-st'y and basement brick store and dwell., 25' x 50', 1101 Milwaukee Ave.; cost, $3,000.

E. B. Sheldon, three-st'y brick flats, 37' x 45', 14 and 16 Lincoln Ave.; cost, $8,000.

Walker & Berk, four-st'y brick brewery, 48' x 80', Desplaines and Indiana Sts.; cost, $28,000.

J. W. Perine, two-st'y brick dwell., 40' x 42', 815 and 818 Hinman St.; cost, $4,000.

Rev. C. Mauerman, 2 three-st'y and basement brick dwells and stores, 50' x 70', Twenty-fourth St. and Wentworth Ave.; cost, $16,000.

J. H. Wren, two-st'y and basement brick dwell., 30' x 53', 2915 Prairie Ave.; cost, $4,000.

M. D. Wells, one-st'y addition, 65' x 99', Madison and Market Sts.; cost, $5,500.

Fred. Fraun, two-st'y brick dwell., 22' x 64', 40 Fremont St.; cost, $3,500.

Mrs. M. Topping, two-st'y brick store and dwell., 21' x 50', 1041 West Madison St.; cost, $4,000.

I. Schladweiler, three-st'y brick wagon-shop, 25' x 70', 379 West Lake St.; cost, $3,000.

John Breen, two-st'y brick store and dwell., 26' x 70', 3700 South Halsted St.; cost, $5,500.

A. M. Garner, 5 two-st'y brick dwells., 39' x 96', Selden St., near Twelfth St.; cost, $12,000.

J. E. Pritchard, two-st'y brick dwell., 21' x 46', 1230 West Jackson St.; cost, $2,500.

H. H. Nash, three-st'y brick dwell., 50' x 61', Jackson & Roby; cost, $16,000.

Peter Johnson, three-st'y brick store and dwell., 24' x 70', 490 West Chicago Ave.; cost, $5,500.

W. Boesen, three-st'y brick dwell. and store, 22' x 36', 300 Mohawk St.; cost, $3,500.

F. Schwicktenburg, two-st'y brick dwell., 22' x 56', 689 Holt St.; cost, $2,900.

John Coughlan, two-st'y brick dwell., 24' x 47', No. 24 Meridian St.; cost, $3,500.

Ed. Ely, two-st'y brick dwell., 15' x 32', 208 Twenty-eighth St.; cost, $2,500.

J. W. Gehring, two-st'y brick flats, 40' x 60', 54 and 56 South May St.; cost, $9,000.

Frank Kaspar, three-st'y brick dwell. and store, 23' x 60', 483 South Canal St.; cost, $7,000.

F. W. Faberberg, two-st'y and basement brick store and dwell., 74 East Chicago Ave.; cost, $6,000.

Henry Beckerman, three-st'y brick dwell., 22' x 53', 29 Granger St.; cost, $4,500.

G. D. Talcott, two-st'y brick dwell., 21' x 45', No. 231 Thirtieth St.; cost, $3,000.

M. Gunderson, three-st'y brick dwell., 23' x 50', 96 Park St.; cost, $6,000.

D. V. Thomas, two-st'y brick dwell., 22' x 45', 902 Warren Ave.; cost, $3,000.

Cincinnati.

DEPOT. — Proposals will be received at the office of the Engineer and Superintendent to-day, August 12, for all labor and material required in building the foundation and first story for the new Union depot, on the southwest corner of Third and Central Aves. Work to include masonry, cut-stone, and carpenter work.

STORES. — Mr. F. Lamping is to build two stores 45' x 105', three-story, on the s w corner of Vine St. and Madison Pike; cost, $12,000; Mr. George W. Rapp, architect.

MALT-HOUSE. — Mr. Wm. Stichtennoth is remodelling his malt-kiln and ventilators on Twelfth and Clay Sts., according to plans prepared by Mr. George W. Rapp.

HOUSES. — J. M. Brunswick has commenced work on a new house on Grand View Ave., Walnut Hills. The house is to be of pressed brick and freestone. Cost, about $30,000; S. E. Des Jardins, architect.

W. H. Blymyer is to build a pressed brick dwelling-house on Beecher St., Walnut Hills. Cost, $12,000; S. E. Des Jardins, architect.

S. E. Des Jardins is preparing plans for a frame dwelling-house to be built on Lincoln Ave., Walnut Hills, for W. R. Teasdale, Esq. Cost, about $9,000.

BUILDING PERMITS. — During the past week the following permits have been issued for new buildings:

Henry Rerching, three-st'y brick dwell., Sherman St., near Dalton Ave.; cost, $5,800.

F. Hassman, three-st'y brick dwell., 116 Gest St.; cost, $2,200.

Emil Dehler, three-st'y brick dwell., Liberty St., near Elm St.; cost, $3,000.

Fred Bawmhter, three-st'y brick dwell., Gest St., near State Ave.; cost, $4,000.

E. Dalbro, one-st'y frame dwell., cor. of Freeman and Sloo Sts.; cost, $2,000.

H. Metke, three-st'y brick dwell., Poplar St., bet. Western and Dalton Aves.; cost, $4,000.

Herman Wahking, two-st'y brick dwell., Reading Road, near Shillite St.; cost, $6,000.

Six permits for repairs; cost, $6,800.

New York.

BUILDING PERMITS. — *East Ninetieth St., No.* 161, four-st'y brick and stone flat; cost, $30,000; owner and builder, John F. Gleason, 163 East Ninetieth St.; architect, L. B. Wheeler.

East Ninetieth St., No. 159, four-st'y brick and stone flat; cost, $20,000; owner, architect and builder, same as last.

West Fifty-fourth St., Nos. 149 *and* 151, 2 two-st'y brick stables; cost, each, $10,000; owner, Wm. B. Baldwin, 145 West Fifty-fifth St.; architect, Geo. B. Pelham; builders, David Kennedy and E. Corbett.

Seventy-seventh St., s s, 250' w First Ave., 3 five-st'y brick flats; cost, each, $20,000, owner and architect, Wm. F. Burroughs, Jackson Ave., near One Hundred and Sixty-first St.

West One Hundred and Twenty-fourth St., Nos. 222 *and* 224, 2 four-st'y brick tenements; cost, each, $9,000; owner, Mary McKaegney, 224 West One Hundred and Twenty-fourth St.; architect, M. L. Nugrich; builder, Patrick McKaegney.

One Hundred and Twenty-sixth St., n s, 200' e Seventh Ave., 3 three-st'y and basement brick and stone dwells.; cost, each, $8,000; owner, Adelaide Wilson, 215 West One Hundred and Twenty-sixth St.; architect, John F. Miller; superintendent, Thos. Wilson.

Ave. A, e s, 32' 3" s One Hundred and Twenty-first St., three-st'y brownstone front dwell.; cost, $8,000; owner, John C. C. Gilsey, Ave. A, between One Hundred and Twentieth and One Hundred and Twenty-first Sts.; architect, C. E. Hadden.

One Hundred and Sixteenth St., n s, 85' e Third Ave., 3 five-st'y brick flats; cost, each, $20,000; owner and builder, E. C. Coggeshall, 224 East One Hundred and Eighteenth St.; architects, Thom & Wilson.

Madison Ave., n w cor. One Hundred and Ninth St., 5 four-st'y brick tenements; cost, each, $12,000; owner, Marian E. Moore, 56 East One Hundred and Tenth St.; architects, Cleverdon & Putzel.

Third Ave., s e cor. Ninety-ninth St., 4 four-st'y brick tenements and stores; cost, each, $10,000; owner, John McGarry; architect, Andrew Spence.

Ninety-ninth St., s s, 75' e Third Ave., four-st'y brick tenement; cost, $9,500; owner and architect, same as last.

Division St., Nos. 192 *and* 192½, five-st'y brick tenement and store; cost, $12,000; owners, Sobel Bros., 162 Greenwich St.; architect, Henry Dudley; builders, Joseph Schaeffler & Son.

East Eighty-fourth St., No. 430, three-st'y brownstone front dwell.; cost, $12,000; owner, Edward H. Wallace, 420 East Eighty-fourth St.; architect, John McIntyre; masons, Robinson & Wallace.

Willis Ave., w s, 75' s One Hundred and Forty-third St., three-st'y brick dwell.; cost, $5,000; owner, Chas. Weiffenbach, 285 Penn St., Brooklyn; architects, Kerby & Archer.

West Fifty-second St., Nos. 643 *and* 645, two-st'y brick stable; cost, $4,000; owners, Landa & Kane, foot of West Fifty-second St.; builders, Murphy & McGinty.

Fifty-second St., s s, 200' e Ninth Ave., four-st'y brownstone front tenement; cost, $12,000; owner, James Gillies, 353 West Fifty-first St.; architect, Wm. Kuhles; mason, Ph. Canfield.

East Twenty-fifth St., No. 223, three-st'y brick engine-house; cost, $18,000; owner, City of New York; architects, N. Le Brun & Son.

East Ninth St., Nos. 735, 737 *and* 739, rear, four-st'y brick factory; cost, $6,000; owner, W. F. Youngs, 143 Rodney St., Brooklyn; builders, Richard Shapter and Guy Culgin.

Pier No. 28, North River, foot of Laight St., one and two st'y frame and galvanized iron freight-shed; cost, $30,000; lessees, Pennsylvania R. R. Co., Jersey City; architect, Jos. M. Wilson.

Tenth Ave., w s, 60' s One Hundred and Sixth St., 2 four-st'y tenements; cost, each, $10,000; owner, James McGay, 34 Greenwich Ave.; architect, Robert Black.

Sixth Ave., w s, 29' s Fifty-seventh St., 3 four-st'y brick and stone flats and stores; cost, each, $18,000; owner, Louis Leypoldt, 34 West Thirty-seventh St.; architects, Thom & Wilson; builders, John P. Schweikert and F. Beinhauer.

Tenth Ave., w s, 54' 4" n Seventy-fourth St., five-st'y brownstone front flat and store; cost, $25,000; owner, August Mehler, 813 Ninth Ave.; architects, Thom & Wilson; builders, Peter Kay and Wm. P. Mitchell.

First Ave., s e cor. One Hundred and Seventh St., four-st'y brick flat and store; cost, $15,000; owner, John Norton, 1945 Third Ave.; architect, Darth. Walther.

Third Ave., w s, 60' s of One Hundred and Fifty-second St., three-st'y brick tenement; cost, $8,700; owner, John Menches, Third Ave., near One Hundred and Fifty-second St.; architect, Henry Pierney.

ALTERATIONS. — *South Fifth Ave., Nos.* 132 *and* 134, five-st'y brick extensions; owner, Amos R. Eno, by Ames F. Eno, 8 Pine St.; architect, Robert Mook; builder, James Rue.

Baxter St., s w cor. Walker St., front and gable walls to be rebuilt and interior alterations; cost, $4,500; owner, John Hooper, 65 Centre St.; lessee, Jacob Cohn; architect, John Brandt.

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BUILDING PATENTS.

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262,199. Hot-Air House-Heating Furnace. — A. Penrose Benner, Philadelphia, Pa.

262,219. Latch. — John Gérard, New Britain, Conn.

262,220. Sash-Cord Fastener. — William Goforth, Windsor, Mo.

262,233. Clamp. — Andrew Kraiss, New Milford, O.

262,238. Ventilator. — Thomas Minchin, Chicago, Ill.

262,243. Latch. — Emery Parker, New Britain, Conn.

262,263. — Pipe-Wrench. — Caleb C. Walworth, Boston, Mass.

262,276. Method of Coating Walls with Flock. — J. H. Campbell, New York, N. Y.

262,290. Hydraulic Elevator. — Arthur Granville, New York, N. Y.

262,291. Elevator. — Hiram Graves, Syracuse, N. Y.

262,295. Urinal. — James P. Hyde, New York, N. Y.

262,297. Fire-Escape. — Hugh Keenan, Worcester, Mass.

262,310. Waste-Pipe Coupling. — Louis B. Ohliger, Canton, O.

262,319. Shutter-Fastener. — Eduard Ritz and Adolph Gärtner, Jersey City, N. J.

262,337. Fire-Escape. — Hattie D. Wilson, New York, N. Y.

262,341. Saw-Handle. — Emanuel Andrews, Williamsport, Pa.

262,343. Mortar and Plaster. — William Arrouquier and Thomas Barrett, Worcester, Mass.

262,344. Spike. — William H. Bailey, Minneapolis, Minn.

262,348. Adjustable Reamer. — George A. Bates, Hartford, Conn.

262,356. Fire-Proof Shutter. — Cornelius Berrian, Clinton, Iowa.

262,360. Flue-Fan. — Donald M. Bliss, Westmoreland Point, New Brunswick, Can.

262,367. Window. — Marshall B. Burk, Dayton, Wash.

262,397. Lock for Sliding-Doors. — Edward A. Gauchet, Fair Haven, Conn.

262,398. Curtain-Fixture. — Paul E. Gérard, New York, N. Y.

262,399. Inside Window-Blind. — Alexander C. Gibson and William W. Gibson, Toronto, Ontario, Can.

262,400. Spring-Hinge. — William Gilfillan, New Haven, Conn.

262,415. Fire-Proof Building. — Philip G. Hubert, New York, N. Y.

262,475. Metallic Roofing Shingle. — Ephraim M. Repp, New Windsor, Md.

262,483-484. Fire-Proof Building. — John J. Schillinger, New York, N. Y.

262,490. Door-Alarm. — Charles A. Smith, St. Louis, Mo.

262,508. Roof-Seat for Shingling. — William P. Thomson, Joliet, Ill.

262,518. Water-Closet. — Thomas H. Walker, Kansas City, Mo.

262,531. Water-Closet Attachment. — Henry Barron and Herbert Raimes, Kilburn, County of Middlesex, Eng.

262,549. Trap for Water-Waste Detectors. — William E. Worthen, New York, N. Y.

SUMMARY OF THE WEEK.

Baltimore.

Chapel. — Mr. Wm. H. Marriott is building, after designs submitted by himself, a chapel for the North Ave. Baptist congregation. The building is located at the cor. of North Ave. and St. Paul St., and is 54' x 63', exclusive of a bay, and an annex, containing baptistery and dressing-rooms; materials, stone and marble; seating capacity, from 400 to 500; cost, $13,000.

Church. — Mr. Chas. L. Carson, architect, has completed drawings for the "Faith Presbyterian Church," to be located at the cor. of Broadway and Biddle St., to be 83' x 104', Gothic in style, built of bluestone with sandstone finish, and have seating capacity for six hundred; cost, about $40,000.

Building Permits. — Chas. E. Willis, 12 three-st'y brick buildings, Pressman St., between Mount St. and Vincent Alley.

F. O. Cole, four-st'y brick warehouse, n w cor Saratoga St. and Bradenbaugh Alley.

Albert Mahone, 10 three-st'y brick buildings, Mount St., beginning at n e cor. of Mosher St.; also 5 three-st'y brick buildings, Mosher St., between Mount St. and Vincent Alley; also, 4 two-st'y brick buildings, Vincent Alley, n of Mosher St.

W. E. Clements, three-st'y brick building, Harmony Lane, between Schroeder and Poppleton Sts.

Wm. H. Hostetter, 2 two-st'y brick buildings, Ann St., between Gay and Biddle Sts.

Joseph Scherer, four-st'y brick building, Broadway, between Canton and Eastern Aves.

John T. Groener, two-st'y brick building, in rear of Sterrett St., between Mellenry and Ramsey Sts.

E. W. Haviland, 24 two-st'y brick buildings, Vincent Alley, between Fremont St. and Patterson Ave.

Jas. R. Eaton, two-st'y brick building, in rear of Eden St., between Monument and McElderry Sts.

John Parsons, two-st'y brick stable, in rear of Pennsylvania Ave., s of Baker St.

H. Gatmiller, two-st'y brick stable, Arch St., between Lexington and Saratoga Sts.

Fred. Aschmeier, two-st'y brick building, in rear of Light St., between West and Ostend Sts.

John Weitzel, 4 two-st'y brick buildings, s e cor. McElderry St. and Madeira Alley.

Martin Joeckel, 2 three-st'y brick buildings, s w cor. Sharp and Hill Sts.

Geo. J. Hooper, 3 two-st'y brick buildings, McElderry St., w of Choptank St.

Boston.

Building Permits. — *Brick. — Village St., No.* 33, Ward 16, for Thomas M. Stevens, four-st'y family hotel, 50' x 52'; Stephen Moxon, builder.

Village St., No. 35, Ward 16, for Nathaniel M. Jewell, four-st'y family hotel, 50' x 52'; Stephen Moxon, builder.

Dartmouth St., cor. Harwich St., Ward 11, for Reformed Episcopal Church Society, church, 42' and 48' x 77'; D. Sullivan & Son, builders.

South St., Nos. 206-216, cor. Kneeland St., Ward 12, for John Casey heirs, four-st'y dwell. and stores, 11' 2" x 6½'; Hobart S. Hussey, builder.

South St., Nos. 202-206, Ward 12, for John Casey heirs, four-st'y dwell. and stores, 20' x 34'; Hobart S. Hussey, builder.

Norman St., Nos. 11-13, Ward 7, for Mrs. Calvin G. Page, four-st'y tenement, 36' and 37' x 47'.

Wood. — Thorndike St., No. 76, Ward 21, for Geo. B. Faunce, two-st'y dwell., 24' x 37'; Henry C. Allen, builder.

Medford St., rear, nearly opposite North Mead St., Ward 4, for H. Wood's Son & Co., storage merchandise, 40' x 42' 4"; Ira Hammond, builder.

Walnut Ave., rear, near Monroe St., Ward 21, for W. S. Robinson, two-st'y stable, 20' x 22'; W. S. Robinson, builder.

Warren St., near Unnamed Pl., Ward 21, for Reuben Green, 2 two-st'y and mansard dwells., 14' and 22' x 49'; H. C. Allen, builder.

East Seventh St., Nos. 567 *and* 569, rear of, Ward 14, for J. N. Goodenough, wagon-shed, 22' x 46'; Otis R. Downes, builder.

Newbeck St., off Bennington St., Ward 1, for Ellen Donovan, dwell., 17' x 25'; Thomas Allen, builder.

Washington St., rear of, near Keyes St., Ward 23, for M. D. Ross, dye house, 40' x 48'; Charles Lewis, builder.

Dorchester St., near East Ninth St., Ward 15, for Wm. Peard, store, 20' x 30'; Wm. Peard, builder.

West Sixth St., near D St., Ward 13, for James Hughes, three-st'y dwell., 22' 4" x 36' 4"; James Walsh, builder.

Brighton Ave., near Allston St., Ward 25, for Chas. A. Sabine, two-st'y dwell., 29' x 34'; Chas. A. Sabine, builder.

Bodwell Park, near Bird St., Ward 20, for John J. Merrill, two-st'y dwell., 30' x 41'; Alton G. Read, builder.

Northern Ave., opposite Dock No. 1, Ward 13, two-st'y saloon and store, 25' x 40'; McGaragle & Co., builders.

Gaston St., near Warren St., Ward 21, for Osgood Fifield, two-st'y mansard dwell., 26' and 28' x 34' 6"; Osgood Fifield, builder.

Nixon Ave., near Sharp St., Ward 24, for Wm. Paul, two-st'y dwell., 22' x 29'; Wm. Carlile, builder.

Dudley St., No. 288, near Winslow St., Ward 20, for James P. Ingols, two-st'y dwell., 21' 6" x 30' Henry E. Locke, builder.

Border St., No. 277, for Thos. Mooney, two-st'y dwell. and store, 18' x 26'; Sampson & Coffin, builders.

Maple St., rear of, near Wayne St., Ward 21, for Wm. D. Forbes, stable, 40' x 70'; McNeil Bros., builders.

Brooklyn.

Building Permits. — *Berkeley Pl.*, s s, 209' e Seventh Ave., 2 three-st'y brownstone dwells.; cost, each, $8,500; owner, architect and builder, John Magilligan, 56 Berkeley Pl.

Jefferson St., n s, 195' w Tompkins Ave., 6 three-st'y brownstone dwells.; cost each, about $4,000; owner, architect and builder, Wm. Taylor, 83 Third Pl.

Throop Ave., n w cor. Floyd St., three-st'y frame tenement; cost, $6,000; owner, John Donger, Throop Ave.; architect, William Maske.

Herkimer St., s s, 100' e New York Ave., two-st'y brick dwell.; cost, $3,200; owner, Mrs. Mary Kroger; builder, G. H. Kroger.

Hall St., e s, 180' s Flushing Ave., three-st'y brick factory; cost, $7,000; owner, Mrs. Everts, 91 Clinton Ave.; architect and Carpenter, Thomas Hanlon; mason, C. Collins.

Reid Ave., n e cor. Green Ave., three-st'y brownstone dwell.; cost, $14,000; owner, George F. Smith, De Kalb Ave., cor. Reid Ave.; architect, R. B. Eastman; builders, G. Cutler and W. Doughty.

Smith St., No. 230, w s, 60' s Butler St., 2 four-st'y brick stores and tenements; total cost, $13,000; owner, D. Buckley, Smith St., cor. Butler St.; architect, F. E. Lockwood; builders, T. J. Nash and J. J. Geraghty.

Kent St., Nos. 104 *and* 106, s s, 150' e Franklin St., 2 four-st'y brick tenements; cost, about $15,000; owner and builder, James R. Sparrow, 105 Kent St.; architect, Frederick Weber.

North Third St., No. 52, s s, 150' from First St., one-st'y brick factory; cost, $3,500; owner and architect, Christian Wasel, 50 North Third St.; builders, Jenkins & Gillies.

Eckford St., Nos. 289 *and* 291, w s, 100' n Calyer St., 2 three-st'y frame tenements; total cost, $8,500; owners, John Hafner, 139 Franklin St., and C. Simonell, 585 Lorimer St.; architect, J. Hafner; builders, T. & J. Van Ripern and S. Randall.

De Kalb Ave., s s, 270' e Central Ave., two-st'y frame dwell.; cost, $2,400; owner, August Alny, 1356 De Kalb Ave.; builders, E. Loereh and J. Rueger.

Fulton St., s s, 75' w Ralph Ave., 4 three-st'y frame stores and dwells.; owner, Ellex. Kanner; architect, T. F. Thomas; carpenter, Charles Holmer.

Graham Ave., Nos. 50 *and* 52, e s, 25' n Cook St., 2 three-st'y brick stores and tenements; total cost, $13,000; owner, John Grill, 52 Graham Ave.; architect, J. Platte; builders, J. Auer and F. Hatte.

Ewen St., e s, 50' s Meserole St., four-st'y brick store and dwell.; cost, $7,300; owner, Charles Eisner; builders, U. Maurer, Jr., and J. Rueger.

Livingston St., Nos. 107 *and* 108, three-st'y office; cost, $22,000; owners, Association for Improving Condition of Poor; architects, Parfitt Bros.

Van Brunt St., n e cor. Walcott St., rear, three-st'y brick dwell.; cost, $2,800; owner, J. McAffery, on premises; architect, J. J. Kelly; builders, P. Kelly & Son.

Jefferson St., s s, 72' e Nostrand Ave., one-st'y brick chapel; cost, $3,600; owners, Church of the Reconciliation, 146 Monroe St.; architect, H. G. Brush; builder, W. H. Burhaus.

Leonard St., e s, 125' s Nassau Ave., three-st'y frame tenement; cost, $4,500; owner, Andrew Bond, Leonard St.; architect, F. Weber; builders, A. V. Cannon and Cauldwell & Hawkins.

Commercial St., on wharf, two-st'y brick boiler-house; cost, $7,500; owner, Havemeyer Sugar Refining Co.; architect, H. C. Havemeyer; builder, J. B. Woodruff.

Henry St., w s, 20' s President St., 4 four-st'y brownstone flats; cost, each, $8,000; owner and builder, E. L. Donnelion, President St., near Henry St.; architect, R. Dixon.

Sixth and Seventh Sts., Seventh and Eighth Aves., 2 two and three st'y brick pavilions; cost, each, about $50,000; owner, Seney Hospital; architect, J. Mumford; builders, Cornelius Cameron and W. E. Booth.

Alterations. — *Henry St., No.* 149, add one st'y; also, two-st'y brick extension; cost, $2,500; owner, Asa W. Parker; architects, Parfitt Bros.; builders, Bongard Bros.

Broadway, No. 1575, one and two st'y extension on front; cost, $2,500; owner, St. Francis de Sales Church, Broadway; builder, N. McCormick.

Fourth St., No. 128, one-st'y brick extension; cost, $2,500; owner and architect, Henry McCadden, South Second St., near Second St.; builders, Benj. Mills and G. Laylon.

Myrtle Ave., No. 323, raised 4'; also one-st'y brick extension; cost, $2,500; owner, Mrs. Wilson, 337 Washington Ave.; architect and carpenter, W. Schepper; mason, A. A. Farden.

Court St., No. 508, cor. Wilson St., repair damage by fire; cost, $2,487; owner, T. H. Baldwin, exr., 83 Cedar St., New York; builders, Frank Lyons, Jr., and E. Smith.

Chicago.

Houses. — W. L. B. Jenny has plans in hand for President and Faculty houses for Presbyterian Seminary of the north-west, on Halsted St. and Belden Ave.; a house for Dr. Anderson, at Fiftieth St. and Greenwood Ave., to cost $10,000; and house for Carlisle Mason, just north of city limits, in Lake View.

The same architect also has in hand designs for a rustic Episcopal church at Riverside.

Building Permits. — Johnson & Arneson, four-st'y brick factory, 50' x 130', 239 and 241 Noble St.; cost, $8,000.

A. Hansen, two-st'y and basement brick dwell., 20' x 42', 77 Milton St.; cost, $3,000.

C. F. Class, two-st'y and basement brick store and dwell., 22' x 49', 887 North Halsted St.; cost, $3,000.

P. Schneider, three-st'y brick store and dwell., 20' x 100', 247 North Ave.; cost, $10,000.

E. Krebs, one-st'y brick cottage, 20' x 50', 170 Evergreen Ave.; cost, $2,500.

Fritz Buettner, two-st'y brick dwell., 20' x 50', 755 North Wells St.; cost, $4,000.

J. L. Campbell, 4 two-st'y and basement brick dwells., 20' 8" x 56', 57 De Kalb St.; cost, $8,000.

J. G. McElroy, three-st'y brick store and dwell., 39' x 60', 1001 and 1003 West Lake St; cost, $10,000.

John McEwen, four-st'y and basement brick factory, 40' x 150', No. 243 North Wells St.; cost, $35,000.

Frank Kozesek, two-st'y and basement brick dwell., 21' x 50', 269 Maxwell St.; cost, $4,000.

Mrs. Hebard two-st'y and basement brick dwell., 24' x 38', No. 3318 Calumet Ave.; cost, $3,000.

M. Bender, two-st'y and basement brick dwell., 22' x 50', 327 Webster Ave.; cost, $3,600.

F. Wallender, two-st'y brick dwell., 22' x 50', 604 North Robey St.; cost, $3,000.

H. Furst, three-st'y brick flats, 44' x 60', 514 and 518 South Union St.; cost, $10,000.

F. E. Walther, two-st'y brick dwell., 21' x 50', 160 Fremont St.; cost, $3,000.

St. Thomas Colored Episcopal Church, one-st'y brick church, 32' x 67', 2961 and 2963 Dearborn St.; cost, $5,500.

Mrs. Ida Yochem, two-st'y and basement brick store and flats, 25' x 70', 3202 State St.; cost, $6,000.

James Sullivan, two-st'y and basement brick dwell., 20' x 40', 208 Wells St.; cost, $4,000.

Brunswick & Balke, five st'y and basement brick warehouse, 64' x 100', No. 111 Huron St.; cost, $30,000.

Brunswick & Balke, two-st'y brick barn, 31' x 125', 97 and 99 Superior St.; cost, $5,000.

Hammond Library Association, two st'y and basement brick library-building, 43' x 65', Ashland Ave., near Warren Ave.; cost, $12,000.

J. L. Campbell, 6 two-st'y brick dwells., 21' x 36', 426 South Leavitt St.; cost, $15,000.

Gus Schultz, two-st'y and basement brick dwell., 21' x 50', 868 Hinman St.; cost, $2,600.

Richard Sanders, three-st'y brick store and dwell., 25' x 80', 3450 State St.; cost, $10,000.

J. Goldenberg, three-st'y and basement brick store, dwell. and barn, 31' x 82', 2690 Wentworth Ave.; cost, $6,000.

Wm. McConnell, two-st'y and basement brick dwell., 28' x 60', 519 West Chicago Ave.; cost, $5,000.

M. Towner, 2 two-st'y brick dwells., 25' x 54' each, Seminary Ave., near Garfield Ave.; cost, $9,000.

D. Stapleton, two-st'y and basement brick dwell., 25' x 54', Seminary Ave., near Garfield Ave.; cost, $3,000.

Davis Davenport, two-st'y brick dwell., 20' x 40', 3552 Vincennes Ave.; cost, $4,000.

Cribben, Sexton & Co., one-st'y addition to foundry, 97' x 100', 78 to 84 Erie St.; cost, $4,000.

C. Kenner, three-st'y and basement brick store

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CLIPPINGS.

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A band of English bell-ringers
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who managed to ring
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Aug 19, 1882

and flats, 50' x 60', Madison St., near Campbell Ave.; cost, $12,000.

M. N. Smith, two-st'y and basement brick flats, 21' x 69', 688 North Park Ave.; cost, $5,000.

Wm. N. Arend, two-st'y and basement brick dwell., 27' x 41', 467 Belden Ave.; Wm. N. Arend, architect; Mullen & Scheel, builders.

Cincinnati.

WAREHOUSE. — Messrs. Brooks, Waterfield & Co. are to build a tobacco warehouse, 152' on Front St., running through to water 172' deep, between Vine and Race Sts., to be of brick, six-st'y; cost, $50,000; Chas. Crapsey, architect.

BUILDING PERMITS. — Mrs. Willman, addition to two-st'y brick dwell., No. 84 Everett St.; cost, $2,800.

Mrs. Mary Kalbsell, two-st'y frame dwell., Fosdick St.; cost, $2,300.

Theo. F. Neiman, 8 one-st'y frame dwells., Spring Grove Ave.; cost, $3,500.

Mrs. Seidner, two-st'y brick dwell., McLean Ave., near Harrison Ave.; cost, $2,000.

Charles Steugel, two-st'y brick dwell., Coleman Ave., near Alfred St.; cost, $3,000.

Wm. McAlpin, two-st'y brick dwell., Barr St., near Freeman Ave.; cost, $2,800.

Pat McAvoy, two elevator towers, Hamilton County Court-House; cost, $1,700.

Mrs. Harth, two-st'y brick dwell., Chase St., near Chambers St.; cost, $2,500.

Ratterman Bros., four-st'y brick dwell., 77 Elm St.; cost, $4,000.

John Doll, two-st'y brick dwell., State Ave., near Gest St.; cost, $3,000.

Chas. Wellman, two-st'y brick dwell., n w cor. of Cook and Addison Sts.; cost, $5,600.

John Roth, two-st'y brick dwell., Espanola St., near Freeman Ave.; cost, $7,000.

Robert Atkins, two-st'y frame dwell., New Baltimore Pike; cost, $2,100.

John Hanek, two-st'y brick dwell., State Ave., near Harrison Ave.; cost, $2,400.

B. Moonan, two-st'y brick dwell., Ninth St., near Freeman Ave.; cost, $6,000.

Two permits for repairs; cost, $1,000.

Detroit.

BUILDING PERMITS. — Henry Schiekel, frame store and 2 dwells., Nos. 220 and 222 Orleans St.; cost, $3,500.

A. C. Varney, brick dwell., No. 181 Miami Ave.; cost, $5,000.

Julius Wilke, frame house, Turnbull Ave.; cost, $2,600.

Thos. Blenman, frame dwells., cor. Croghan and Leib Sts.; cost, $2,800.

A. C Varney, brick house, No. 311 Second St.; cost, $3,500.

A. C. Winder, brick house, Winder St.; cost, $8,500.

Spitzley Bros., frame house, Brady St.; cost, $3,000.

Four brick stores on Grand River Ave.; cost, $14,000; Donaldson & Meier, architects.

Two brick houses, Cass Ave.; cost, $15,000; owners, Gearing & Co.

Brick house, No. 61 Russell St.; cost, $7,600; owner, C. Wuestewald.

Frame dwell., Fourth St.; cost, $3,000; owner, A. Beaton.

Frame dwell., Twelfth St.; cost, $2,500; owner, A. Beaton.

Brick house, No. 19 West High St.; cost, $5,700; A. E. French, architect.

New York.

APARTMENT-HOUSE. — For Mr. E. V. Loen, a fine apartment-house, 51' x 90', is to be built on the cor. of Seventy-ninth St. and Madison Ave. The first story is to be of Belleville brownstone, above Philadelphia face-brick with terra-cotta and iron trimmings. It will have fire-proof stairways, iron bay windows, and all the modern improvements. Messrs. W. H. W. Youngs & H. J. Campbell, architects; cost will be about $100,000.

RESIDENCES. — On Eighty-first St., near Tenth Ave., 4 three-st'y and basement residences, to be built of brick, for J. Romaine Brown and others, from designs of Messrs. D. & J. Jardine.

STABLE. — For W. J. Sloane, a stable, 25' x 80', of brick, with stone finish, is to be built on the north side of Sixty-ninth St., between Lexington and Third Aves, at a cost of about $15,000. The building will be three stories in front, two in rear; Mr. C. W. Romeyn, architect.

TENEMENT-HOUSES. — For Messrs. H. and W. Haigh, 2 tenement-houses, 25' x 67' each, to be built of brick, are to be built on the south side of One Hundred and First St., between Ninth and Tenth Aves., at a cost of about $15,000. The building will be five-st'y; Messrs. D. & J. Jardine are the architects.

BUILDING PERMITS. — *Eleventh Ave., No.* 428, four-st'y brick tenement; cost, $8,000; owner and carpenter, Samuel Lee, on premises; architect, Jas. Cody; mason, J. Buckley.

Devoe Ave., refrigerator on bulkhead, West Washington Market; cost, about $6,000; owner, Henry T. Higgins, Chicago, Ill.; builder, A. B. Campbell.

Fifty-sixth St., n s, 225' e Tenth Ave., five-st'y brownstone tenement; cost, $17,000; owner, Margaret Corrigan, 881 Tenth Ave.; architect, C. F. Ridder, Jr.

One Hundred and Fifty-third St., n w cor. Tenth Ave., two-st'y stone and brick dwell. and office; cost, $10,922; owner, Corporation Trinity Church, S. V. R. Cruger, comptroller, 112 East Thirty-fifth St.; architects, Vaux & Radford; builders, Isaac A. Hopper and L. H. Williams.

One Hundred and Twenty-eighth St., s s, 375' w Seventh Ave., 2 four-st'y brownstone flats; cost, each, $20,000; owner, Charles H. Fenton, 158 East One Hundred and Twenty-fourth St.; architect, Chas. Baxter.

One Hundred and Twenty-seventh St., s s, 250' w Third Ave., five-st'y brownstone tenement; cost, $18,000; owner and builder, Stephen J. Wright, 201 West One Hundred and Thirtieth St.; architects, Thom & Wilson.

One Hundred and First St., s s, 325' w Ninth Ave., 2 five-st'y brick tenements; cost, $7,000; owners and builders, Hartley and William Haigh, 120 East Forty-third St.; architects, D. & J. Jardine.

West Twenty-third St., No. 211, four-st'y brick and brownstone dwell.; cost, $14,000; owner, J. H. Filson, Treasurer of West Third St. Presbyterian Church; architect, J. B. Lord; builders, McKenzie & McPherson.

Kingsbridge Road, n s of Spuyten Duyvil Creek, and 200' s of H. R. R. R., 2 three-st'y brick stores and dwells.; cost, each, $2,000; owner, Isaac G. Johnson, Spuyten Duyvil. N. Y.; architect, E. A. Quick; builders, J. & G. Stewart and S. F. Quick.

Seventy-sixth St., n s, 225' e Fourth Ave., 2 four-st'y brick tenements; cost, each, $37,000; owners, architects and builders, Havilah M. Smith & Son, 35 North Moore St.

East Fourteenth St., No. 430, five-st'y brick tenement; cost, $14,000; owner, Richard Deeves, 243 East Thirteenth St.; architect, W. H. W. Youngs.

Fulton St., s e cor. Cliff St., three-st'y Collaberg brick store; cost, $6,000; owner, Louisa Jones, Yonkers, N. Y., and Hannah Dobias; architects, D. & J. Jardine; builder, E. Kilpatrick.

East Thirty-third St., No. 327, one-st'y brick stable; cost, $2,000; owner, Michael Gormley, 325 East Thirty-third St.; builders, J. Gormley and Peter Morris.

One Hundred and Thirty-third St., s s, 450' w Sixth Ave., 8 three-st'y brick, terra-cotta and stone dwells.; cost, each, $6,500; owner, Anna M. Schmidt, 2291 Third Ave., architect, J. Brandt.

One Hundred and Twenty-ninth St., n s, 215' e Fourth Ave., five-st'y brick tenement; cost, $18,000; owner, Patrick Whelan, One Hundred and Thirty-eighth St., e of Southern Boulevard; architect, J. F. Burrows.

ALTERATIONS. — *Cherry St., Nos.* 456 *to* 464, repair damage by fire; cost, $2,500; owner, Nelson Sherwood, 466 Cherry St.; architect and builder, Geo. Linder.

Broadway, Nos. 649, 651, 653 *and* 655, five-st'y brick extension; interior alterations, etc.; owner, Jacob H. Hecht, 181 Summer St., Boston; architect, H. Fernbach.

Lexington Ave., No. 94, three-st'y brick extensions; cost, $3,500; owner, Annie T. L. Atterbury, Scarsdale, N. Y.; architect and carpenter, J. V. Douvan; builders, D. & E. Herbert.

Third Ave., No. 2376, two-st'y brick extension; cost, $3,000; lessee, James Pilkington, 49 East One Hundred and Twenty-ninth St.; owner, Jas. Ayres, 2363 Third Ave.

East Fourteenth St., No. 634 *to* 640, repair damage by fire; cost, $3,500; owners, Field & Flynn, 957 Madison Ave.; architect and builder, Henry Wallace.

East Fourteenth St., No. 642, rear, repair damage by fire; cost, $4,200; owners, Field & Flynn, 957 Madison Ave.; architect and builder, Henry Wallace.

Twenty-seventh St., Nos. 334, 336 *and* 338, s s, between First and Second Aves., three-st'y brick extensions; cost, $12,000; owners, George Mathews and others of the firm of John Matthews, on premises; architect, T. Dyson; builder, G. Staiger.

West Twenty-fourth St., Nos. 510 *and* 512, an entirely new building except foundation; cost, $5,000; owner, John I. Lawreuce, or Lawrence Estate, Worth St., s e cor. Hudson St.; architect, J. D. Frequet; builder, J. G. McMurray.

Philadelphia.

ALTERATION. — Enlarging and remodelling of house No. 1913 Arch St., for Mr. Jno. Lucas; John J. Deery, architect.

HOUSES. — At No. 1423 Poplar St., new residence for Mrs. Mary Agnew, main building, 23' x 36', back building 16' x 48', to be of brick, four-st'y; John J. Deery, architect.

Three-st'y brownstone and brick house, 50' x 68', on Twenty-second St., above Walnut St., for Travis Cochran, Esq.; cost, $32,000; Jas. Errickson, builder; Geo. W. Hewitt, architect.

BUILDING PERMITS. — *Oriana St.*, e s, s of Lehigh Ave., 3 two-st'y dwells., 13' x 28'; Michael Fox, owner.

Dauphin St., s s, e of Frankford Road, three-st'y addition and three-st'y addition and stable, 16' x 32' and 20' x 32'; Philip Reeder, owner.

Fayette and Baker Sts., e of Broad St., two-st'y stocking-factory, 20' x 32'; Benj. Walker, contractor.

Kensington Ave., w s, n of Huntingdon St., 3 three-st'y stores and dwells., 18' x 40' and 20' x 52'; J. K. Knorr, owner.

Cambridge St., n s, w of Carlisle St., 8 three-st'y dwells., 14' x 37'; Wm. Weightman, owner.

Vine St., No. 1815, fourth-st'y addition to dwell., 38' x 46'; J. E. & A. L. Pennock, contractors.

Twenty-second St., e s, n of Walnut St., three-st'y dwell., 14' x 57'; J. H. Errickson, contractor.

Twentieth St., s, three-st'y dwell., 17' x 48'; P. Thompson, contractor.

Fairmount Ave., s s, e of Fifteenth St., two-st'y stable, 24' x 57'; Wm. Smith, contractor.

Dickinson St., s e cor. Broad St., 24 two-st'y dwells., 15' x 38' and 18' x 45'; F. A. Collamer, owner.

Fifth St., w s, n of Butler St., second and third st'y addition to shop, 30' x 60'; David Maroney, owner.

Herman St., s s, w of Twenty-seventh St., three-st'y dwell., 42' x 86'; F. McEntee, owner.

Marshall St., No. 942, 4 three-st'y dwells., 14' x 38'; Chas. Falsteth, contractor.

Ellsworth St., n s, s of Marshall St., and w of Broad St., 30 two-st'y dwells., 14' x 23' and 16' x 50'; R. Shoch, owner.

Sansom St., n s, e of Thirty-ninth St., two-st'y stable, 35' x 42'; W. Devitt & Son, contractors.

Philip St., e s, No. 1619, n of Oxford St., three-st'y dwell., 18' x 30'; Jno. Mander.

Taylor St., n s, w of Ninth St., No. 904, 2 two-st'y dwells., 16' x 28'; Philip McManus, owner.

North Second St., No. 1911, one-st'y store, 30' x 119'; S. R. Stewart, contractor.

Richmond St., e s, n of Neff St., 2 three-st'y dwells., 21' x 56'; Jacob Ziegler, contractor.

Gray's Ferry Road, s e cor. Thirty-second St., one-st'y store, 62' x 80'; Wm. Baxter, owner.

Cumberland St., s s, w of Broad St., three-st'y store and dwell., 18' x 49'; Jno. Holton, owner.

Seventeenth St., e s, n of Tasker St., two-st'y dwell., 15' x 30'; M. J. Doross, contractor.

Tilton St., e s, s of Lehigh Ave., 3 two-st'y dwells., 12' x 28'; Jas. Tucker, owner.

Broad St., n w cor. Chestnut Sts., four-st'y store, 18' x 77'; R. G. Black, contractor.

Portland, Ore.

HOUSES. — Mrs. Hawthorn is putting up a two-st'y brick dwell., 50' x 60'; cost, $7,400; Hume Bros., contractors.

Mr. Lambert is putting up a two-st'y frame dwell., 50' frontage, the lower part for stores; Sedge, contractor; Burton, architect; cost, $5,200.

Mr. Verdier is putting up a two-st'y brick dwell., 50' frontage; cost, about $12,000; R. Robinson, contractor; W. H. Williams, architect.

W. S. Ladd is building a two-st'y residence; cost, $4,000; P. Lundin, contractor; J. Krumbein, architect.

Mr. Hoydt is putting up a two-st'y house, costing nearly $7,000; Kelton, contractor; J. Krumbein, architect.

C. A. Allsky is putting up a three-st'y brick dwell., 30' x 70'; R. R. Robinson, contractor; J. Krumbein, architect.

ASYLUM. — Mr. Krumbein is preparing plans for an Odd Fellows' orphans' home, frame; cost, about $10,000.

St. Louis.

BUILDING PERMITS. — Forty-eight permits have been issued since our last report, thirty of which are for unimportant frame houses. Of the rest, those worth $2,500 and over are as follows: —

Michael Stephan, two-st'y double tenement; cost, $2,700; H. Rickmann, contractor.

John Backula, two-st'y double tenement; cost, $3,700; Hermann & Shumacker, contractors.

John Farrell, two-st'y double tenement; cost, $3,000; John Farrell, contractor.

P. Baggot, two-st'y dwell.; cost, $5,500; J. Johnson, architect; C. C. Murphy, contractor.

J. C. Brockmeier, one-st'y dwell.; cost, $2,500; J. C. Brockmeier, contractor.

Conrades & Logemann, six-st'y warehouse; cost, $17,000; A. Beincke, architect; Aug. Beincke, contractor.

Joseph Schwab, four-st'y stores; cost, $20,000; A. Beincke, architect; M. Kirkwood, contractor.

George Rogers, 2 two-st'y dwells.; cost, $5,000; A. Beincke, architect; J. Flannery, contractor.

George Rogers, 3 two-st'y dwells.; cost, $19,000; A. Beincke, architect; J. Flannery, contractor.

Joshua Rech, 2 two-st'y dwells.; cost, $4,500; F. Müller, contractor.

General Notes.

ALAMEDA, CAL. — Work has just been begun on a fine residence for F. N. Delanoy on the n w cor. of Union St. and Central Ave.

BANGOR, ME. — Rectory, of wood, for St. John's Catholic Church; cost, about $10,000; Mr. Vinal, of Boston, architect.

Two-st'y high school building, of wood, 80' x 92', for City of Bangor; cost, about $20,000; from designs of W. E. Manser.

The Boston & Bangor Steamship Co. are to build new storehouses at their wharves in this city.

CAMBRIDGE, MD. — County jail, 32' x 70', two stories, to be built of stone, and cost about $20,000; Mr. Chas. L. Carson, Baltimore, architect.

COLDSTREAM HARBOR, N. Y. — A cottage is to be built for Dr. Cock, from designs of Messrs. Rossiter & Wright, of New York.

DENVER, COL. — For Mr. W. S. Ward a handsome residence in the Elizabethan style, to be built of brick, stone and timber; also, a row of smaller houses are to be built, from designs of Mr. H. R. Marshall, of New York.

FOWLER, O. — A two-st'y brick addition to store-building, 22' x 100', is to be built for David Harpster; cost, $2,500; N. B. Bacon, architect. Work to begin in September.

HARFORD COUNTY, MD. — Mr. George R. Glasgow, two-and-a-half-st'y frame cottage, on stone foundation, near Churchville; cost, $4,000; Mr. J. H. R. Bull, builder; Mr. Geo. Archer, Baltimore, architect.

ISLESBORO, ME. — Cottage for J. W. Milliken, Esq., of Bangor; cost, about $2,500; from designs of W. E. Manser, of Bangor.

ISLIP, L. I. — Several cottages are in course of erection. Mr. Chas. W. Clinton, of New York, is preparing plans for one to be built for Mr. A. Meeks, to cost about $12,000. It is to be in the English style.

LURAY, VA. — Frame houses are being erected here by the following persons: Hubert Hudson, Col. Mann Spettler, Stewart Grayson, Joseph Wheat, Wm. O'Neil, A. W. McKim, and others.

MCMUNVILLE, ORE. — Plans have been prepared for a two st'y brick Masonic hall, 30' x 80'; cost, $4,500.

John Sax will shortly build a two-st'y grain warehouse, 36' x 56'; cost, $5,000.

MILTON, MASS. — Messrs. Rotch & Tilden are remodelling Hon. Edw. L. Pierce's house.

MANTOLOKEN, N. J. — A cottage is to be built for F. W. Downer; Messrs. Rossiter & Wright, of New York, architects.

NATIONAL BRIDGE, VA. — The S. V. R. R. Co. are building a station-house at Glenwood, for the convenience of tourists to the Natural Bridge.

NEWPORT, R. I. — Mr. Robert S. Hone, of New York, will build a cottage near Carey St.

NEW TACOMA, W. T. — The court-house contract has been let to W. H. Morrell, for $6,800.

PERRYVILLE, N. Y. — A new hotel is to be built adjacent to the State camp grounds.

SAN FRANCISCO, CAL. — Building here quite steady. Plans are finished for new art-building, to cost $250,000; front glazed brick, iron and stone; Messrs. Wright & Sanders, architects. Several business buildings, from $20,000 to $75,000, are in course of erection.

The demand for residence property is good, and altogether business is very encouraging at present time.

Carpenters, $3.50; masons, $4.50 and $5 00; plumbers, $4.00 and $5.00; plasterers, $4.00 and $4.50; painters, $3.00 and $3.50; lumber, same as last report.

— Hart's statue of Henry Clay, one Richmond is most proud, has lately and restoration. New hands have d of standing in the little pagoda s one of the niches in the quad- famous statue of Washington by circle, and another niche contains

— The excavations undertaken by ome to a close, Hamdi Bey, Direc- antinople, has gone to the Darda- s, for the purpose of receiving the hich, by the terms of the firman,

As now provided for, Paris claims system of sanitary appliances to scavenging plant, under this new at, where materials of every de- r ordinary and extraordinary ser- are chloride of lime, sulphate of cid as disinfectants, and hydro- using agents. Chloride of lime is to one hundred and five degrees; e-eighth; and carbolic acid is used own to one per cent, or even less. is used as weak as one of acid to ic acid is applied to urinals and sixth to one-tenth. Nitro-benzole n.

men in Japan are now discussing d heat of the earth. At a recent ty, John Milne read a paper, in here was an unlimited supply of had been generally overlooked, al- countries like Japan, Iceland, and ngs, solfataras, volcanoes, etc. He ply of water in hot springs within d Tokio, and that the heat of these lectric current, and transmitted to instock about a week ago, on his bsence. He was much interested he went there to study. He is ickes in Japan has been con- the v ons of the earth at the the vibrations of artificial shocks charges of dynamite. The deli- e results in both cases. — *Boston*

— Mrs. Schliemann has addressed rock, in which she says that close d believe to be the site of ancient two buildings that are believed nce is so strange, however, that ny of the well-known ancient f Hera at Olympia, which, accor- bly about 1100 B. C. The first of in width, while the walls are 1 4 metres long and 7 metres broad, ing to the great size of the first rely credible that the roof could e latter, at any rate, there is noth- he entire "Illiad" of Homer, she pports, while in the "Odyssey," described as of wood. Assuming es in the first temple, they could of clay, and there must therefore them, yet nothing of the kind is *Chicago Tribune.*

— Professor S. P. Langley, of the e of the results of the Mount solar constant or amount of heat than that determined by Pouillet and even greater than the recent he other hand, the temperature of signed by Pouillet. If the atmos- the temperature of the latter sun's radiant heat were materially ves that this temperature under es F.: that is, that mercury would ys of a tropical sun if radiation r even if the atmosphere existing, pass out as easily as they come in. of the air, but by the selective ctual surface temperature of the comparatively little-known func- even though the air supported res- fe could be maintained upon this true, the temperature of a planet nd far less upon its neighborhood upon the constitution of its gase- y too much to say that we might e constitution of an atmosphere planet than the Earth, or Neptune *York* ne.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

262,929. WINDOW-BLIND. — Jas. B. Childs, Rock Falls, Ill.

262,934. APPARATUS FOR PREVENTING THE ESCAPE OF SEWER-GAS INTO HOUSES. — Mathew F. Degan, Chicago, Ill.

262,937. FASTENER FOR MEETING-RAILS OF SASHES. — Gilbert J. Dickson, Albany, N. Y.

262,965. VAULT-LIGHT. — Jacob Mark, New York, N. Y.

262,967. MACHINE FOR DRESSING STONE. — Alexander McDonald, Cambridge, Mass.

262,972. COMBINED FIRE-EXTINGUISHER AND FIRE-ESCAPE. — Albert L. Murphy, Philadelphia, Pa.

262,978. DOOR-CHECK. — William F. Osborn, Burlington, Kan.

263,002. PIPE-SUPPORT FOR FLUES, CHIMNEYS, ETC. — Nathan U. Walker, Walker's, O.

263,043. FIRE-EXTINGUISHER. — Charles T. Holloway, Baltimore, Md.

263,046. EAVES-TROUGH. — George Huth, Delta, O.

263,070. SASH-FASTENER. — William E. Sparks, New Britain, Conn.

263,080. FIRE-EXTINGUISHING DEVICE. — Miciah Walker, Port Huron, Mich.

263,082. FASTENER FOR THE MEETING-RAILS OF SASHES. — C. Wolcott, Hartford, Conn.

263,091. COCK OR VALVE. — David R. Ashton, Clapton, County of Middlesex, and Jas. N. Sperryn, Brixton Hill, County of Surrey, England.

263,100. FIRE-ESCAPE. — Winfield S. Beebe, Middletown, Conn.

263,127. AUTOMATIC HEAT-REGULATOR AND ALARM. — John M. Dolen, Wiconisco, Pa.

263,156. BRICK-PRESS. — Edward Fales, Keokuk, Iowa.

263,180. COMBINED TRAP AND OVERFLOW. — Edwin A. Jackson, New York, N. Y.

263,181. FIRE-ESCAPE. — David Jenkins, Pittsburg, Pa.

263,235. CHIMNEY-TOP. — Porter B. Speer, Muscatine, Iowa.

263,244. PLATE-KEY FOR LOCKS. — Warren H. Taylor, Stamford, Conn.

263,251. WATER-CLOSET VALVE. — Henry A. Tobey, Dayton, O.

SUMMARY OF THE WEEK.

Baltimore.

BUILDING PERMITS.—Since our last report seventeen permits have been granted, of which the following are the more important:—

Grillett & Mann, four-st'y brick warehouse, Philpot St., w of Thames St.

John Weigman, two-st'y brick building, in rear of Pratt St., bet. Broadway and Register Sts.

Fred. Niemeyer, three-st'y brick building, King St., bet. Fremont and Pine Sts.

H. Seim & Co., two-st'y brick building, n w cor. Ostend and Leadenhall Sts.

P. H. Smith, two-st'y brick building, Monument St., bet. Sterling and Aisquith Sts.

Estate of Jno. Connolly, three-st'y brick building, n e cor. Patapsco and Boston Sts.

Michael J. Faust, two-st'y brick stable, in rear of Somerset St., bet. Biddle and Chase Sts.

Mrs. C. J. Seltzer, three-st'y brick building, Chester St., bet. Fayette St. and Fairmount Ave.

Henry Pierson, three-st'y brick building, Sharp St., bet. Cross and Hamburg Sts.

Boston.

BUILDING PERMITS. — *Brick.* — *Emerald St., No.* 59, Ward 16, for C. W. Tuxbury, Trustee for Ralph Huntington heirs, family hotel, 45' x 52' 4", four-st'y; Stephen Moxon, builder.

Emerald St., No. 60, Ward 16, for C. W. Tuxbury, Trustee for Ralph Huntington heirs, family hotel 45' x 52' 4", four-st'y; Stephen Moxon, builder.

Emerald St., No. 61, Ward 16, for C. W. Tuxbury, Trustee for Ralph Huntington heirs, family hotel, 45' x 52' 4", four-st'y; Stephen Moxon, builder.

Emerald St., No. 62, Ward 16, for C. W. Tuxbury, Trustee for Ralph Huntington heirs, family hotel, 45' x 52' 4", four-st'y; Stephen Moxon, builder.

Hanover St., Nos. 174-176, Ward 6, for James Blackie, dwell. and store, 19' 4" x 58' 6", four-st'y; Richardson & Young, builders.

Wood.—S. St., cor. Eighth St., Ward 14, for William Gardner, dwell. and store, 22' x 40' and 46' 10", two-st'y; L. D. Robinson, builder.

Clarence St., near Dudley St., Ward 20, for Harrison B. Tebbets, dwell., 21' and 26' x 42", three-st'y; John O. Keefe, builder.

Brooklyn.

BUILDING PERMITS. — *Harrison Ave.*, e s, 20' s Lynch St., 3 three-st'y frame tenements; cost, each, $4,500; owner, J. Bossert, 18 Johnson Ave.; architect, J. Platte; builders, J. Auer and L. Bossert.

Pulaski St., No. 112, s s, three-st'y brownstone dwell.; cost, $7,000; owner, N. Poulson, 108 Pulaski St.; architect, F. A. Winslow; builder, J. H. Smith.

Lincoln Pl., s s, 149' e Seventh Ave., 3 four-st'y brownstone dwells.; cost, each, $12,000; owner, architect and builder, Wm. Flanagan, 46 Berkeley Pl.

St. John's Pl., s s, 277 e Seventh Ave., 5 four-st'y brownstone dwells.; cost, each, $12,000; owner, architect and builder, Wm. Flanagan, 46 Berkeley Pl.

Oakland St., e s, about 204' n Van Cott Ave., three-st'y frame tenement; cost, $4,500; owner, J. H. W. Viemeister, 442 Manhattan Ave.; architect and carpenter, A. Lange; mason, M. Vogel.

Oakland St., s e cor. Freeman St., three-st'y frame tenement; cost, $3,000; owner, John Dugdale, Darien, Conn.; architect and carpenter, J. J. Randall; masons, McHugh Bros.

Clifton Pl., n s, 116' 8" e Nostrand Ave., 2 two-st'y front, three-st'y rear, brownstone dwells.; cost, each, $4,000; owner, Abel Miller, 373 Decatur St.; architect, S. T. Miller; builder, T. Miller.

Clinton Ave., w s, 142' 6" s Greene Ave., three-st'y brick and terra-cotta dwell.; cost, $25,000; owner, C. N. Hoagland, on premises; architects, Parfitt Bros.; builders, T. B. Rutan and Morris & Selover.

Penn St., s s, about 100' e Lee Ave., three-st'y brick dwell., cost, $10,000; owner, Henry Rankin, Bedford Ave.; architect, E. F. Gaylor; builder, C. L. Johnson.

Prospect St., n s, 50' w Evergreen Ave., one-st'y brick boiler-house and chimney; cost, $3,500; owner, S. Liebmann's Sons, Forrest St., cor. Bremen; architect, Th. Engelhardt; builder, H. W. Adams.

Eckford St., Nos. 162 *and* 164, e s, 225' n Nassau Ave., 2 three-st'y frame tenements; cost, each, $4,400; owner, Otto J. Steffelin; architect, Fred Webber; builders, I. & J. Van Riper and S. M. Randall.

Adams St., No. 99, n s, 33' 10" w Evergreen Ave., three-st'y frame tenement; cost, $5,000; owner, Geo. Reinhardt, 97 Adams St.; architect, Th. Engelhardt; builder, M. Meizen.

ALTERATIONS. — *Myrtle Ave., No.* 631, raised 7' and frame st'y beneath; also three-st'y frame extensions; owner and architect, Ann Flood, on premises; builders, C. Collins and J. Flood.

Franklin Ave., s e cor. Atlantic Ave., one-st'y addition; total cost, $5,200; owner, John J. Drake; builder, P. Sullivan.

Chicago.

TOWN.—Designs are being prepared for shops and a town, comprising 1,000 houses, churches, schools, library, theatre, etc., on a similar plan to Pullman City, for the United States Rolling Stock Co., near Chicago; Messrs. Wilson Bros. & Co., of N. Y., are the architects.

CHURCHES.—Work has been resumed on the nave of Ascension Church, on La Salle Ave. The sum of $10,000 will be expended this season.

The Western Ave. Congregational Chapel Society is building, at the cor. of Polk St. and Western Ave., a brick church, 40' x 90', and a chapel, 30' x 40'; cost, $10,000.

Jas. R. Willett has completed arrangements for the erection of the St. Malachi Church, on the cor. of Western Ave. and Walnut Sts.; cost, $20,000.

The corner-stone of St. Thomas's Episcopal church, on Dearborn St., near Thirtieth St., was laid August 19.

The architect of the new church to be built on Millard Ave. is C. P. Randall; cost, $5,000.

HOSPITAL.—The plans for the new Cook County hospital-building are advancing slowly in Mr. J. C. Cochran's office.

HOUSES.—Theo. Karls has let contracts for a house for C. Kaler, on West Madison St., with stores underneath; cost, $10,000; also a store and dwell. on South Park Ave., for W. L. Sullivan, to cost $9,000.

SEMINARY. — W. L. B. Jenny is making plans for additions and alterations to the Theological Seminary of the North-west (Presbyterian), cor. of Halsted St. and Belden Ave. Among other things is a new residence for the professors, which will in itself cost $50,000.

OFFICE-BUILDING. — F. L. Charnley has let the contracts for the Averell Building, which is to be built on the cor. of Jackson St. and Wabash Ave. It is to be six-st'y, with a basement; cost, in the neighborhood of $60,000. The foundations are being laid.

ELEVATORS. — J. A. McLennan, architect, is to build elevators at Toledo, Cincinnati and Detroit.

STORES. — The Watson Building, cor. of La Salle, Kinzie and North River Sts., E. L. Bauman, architect, will cost about $80,000.

W. Strippleman has let the contracts for the Slaughter-building on Wabash Ave., near Congress St.; it is to be six-st'y; cost, $60,000.

Mr. Strippleman is also building a store and flats, cor. of Wentworth Ave. and Twenty-sixth St., for J. Oppenheimer; cost, $17,000. Also a store and flats for C. L. Kramer, cor. Madison St. and Campbell Ave.; cost, $14,000. Also, 6 dwells., on Campbell Ave., for Eich Bros.; cost, $21,000.

DEPOT.—The Illinois Central Railroad will at once begin the erection of a depot where the ruins of the former depot, burned in the great fire of October 9, 1871, still stand. It will cost over $500,000, and will be completed in 1883. It will be jointly occupied by the Illinois Central, the Michigan Central, the Baltimore & Ohio, and the New York, Chicago and St. Louis Railroads.

BUILDING PERMITS.—Charles Hagenon, two-st'y and basement brick dwell., 44' x 58', 44 and 46 Fowler St.; cost, $6,000.

A. L. Amberg, two-st'y brick dwell., 22' x 56', McAllester St., near Sibley St.; cost, $4,000.

Martha Mathews, two-st'y brick dwell., 21' x 32', 194 Ashley St.; cost, $2,500.

Agricultural Insurance Co., two-st'y brick addition, 25' x 55', 638 West Madison St.; cost, $6,000.

Henry Kreite, two-st'y brick dwell., 21' x 46', 548 North Market St.; cost, $3,000.

G. W. Henry, two-st'y and basement brick dwell., 25' x 65', 2805 Prairie Ave.; cost, $20,000.

Barbara Titus, 5 two-st'y brick dwells., 19' x 28' each, Van Buren St., near Loomis St.; cost, $5,000.

S. Burdo, three-st'y and basement brick dwell. and store, 21' x 53', 229 Larrabee St.; cost, $6,000.

Mrs. A. Jertram, one and three st'y brick store and dwell., 24' x 60', No. 590 Ashland Ave.; cost, $5,000.

J. R. Jones, one-st'y and mansard brick barn, 23' 6" x 56', 2704 Michigan Ave.; cost, $3,000.

Cincinnati.

BUILDING RECORD. — The assessors of Hamilton County report the following number and cost of new houses erected for the year ending April 12, 1882:—

808 dwells.: cost, $1,446,020.
48 factories; cost, $284,540.
3 hotels; cost, $88,500.
Machine-shop; cost, $6,660.
Flouring-mill; cost, $1,000.
2 saw-mills; cost, $2,500.
5 railroad depots; cost, $27,850.
74 stables and barns; cost, $27,300.
42 stores and warehouses; cost, $156,280.
20 miscellaneous; cost, $11,910.
Total, 1,004; cost, $2,082,560.

The above may be taken correct as to numbers, but about one-half as to cost.

FIRE RECORD.—The records of the Fire Department show that the following buildings were destroyed by fire or otherwise during the year ending June 30, 1882:—

100 buildings destroyed by fire; cost, $771,780.
57 buildings destroyed by other causes; cost, $58,-580; other property destroyed by fire or flood; cost, $230,000.
Total, 157; cost, $1,060,360.

This shows that the amount destroyed was fully one-half the cost of all the new buildings erected during the same period.

BUILDING PERMITS.—Brooks, Waterfield & Co., six-st'y brick tobacco warehouse, Front St., bet. Vine and Race Sts.; Charles Crapsey, architect; cost, $70,000.

J. Lippert, four-st'y brick dwell., cor. of Thirteenth and Jackson Sts.; cost, $6,000.

Wm. Bicksmeyer, two-st'y brick dwell., Wade St., near Demman Ave.; cost, $2,500.

N. Wolff, store on Pearl St., bet. Pike and Lawrence Sts.; cost, $10,000.

9 permits for repairs; cost, $3,000.

New York.

BUILDING PERMITS. — *Fifty-fourth St.*, n s, 135' w Sixth Ave., four-st'y brick and stone dwell.; cost, $11,000; owners, Wm. H. L. Lee, et al, 20 Nassau St.; architect, A. Crooks; builders, Lizst & Lennon and James Thompson.

Fifty-sixth St., s s, 125' w Ninth Ave., five-st'y brownstone tenements; cost, about $10,000; owner, Abraham Benson, 30 North Moore St.; architects, Blau & Quaife.

West Forty-sixth St., No. 517, five-st'y brick tenement; cost, $14,000; owner, John Totten, 517 West Forty-sixth St.; architect, C. F. Ridder, Jr.

Seventh Ave., n w cor. Fifty-fourth St., five-st'y brick tenement; cost, $30,000; owner, Thomas N. Lawrence, Coleman House; architect, Jas. Stroud; builders, Wm. Pettit and J. Washburn.

West Fifty-eighth St., No. 225, between Seventh Ave. and Broadway, four-st'y brick stable, brownstone trimmings; cost, about $15,000; owner, T. H. McGraw, Poughkeepsie; architect, L. H. Broome.

Second Ave., e s, 70' s Seventy-second St., five-st'y brick tenement; cost, $28,000; owner, N. A. McBride, 436 West Fifty-eighth St.; architect, P. C. Cowen; builder, R. Shaw.

Second Ave., Nos. 787, 789 *and* 791, 3 five-st'y brick tenements; cost, each, $12,000; owner, Edward Mulvaney, 170 East Seventieth St.; architect, Jno. Sexton; builder, C. Callahan.

One Hundred and Twenty-sixth St., n s, 425' e Eighth Ave., 3 four-st'y brownstone tenements; cost, each, $17,000; owner, Franklin A. Thurston, 62 East One Hundred and Thirty-third St.; architect, G. Robinson, Jr.

Baxter St., s w cor. Walker St., 2 three-st'y brick stores and dwells.; cost, each, $4,000; owner, Jacob Cohen, on premises; architect, J. Brandt.

West Thirty-sixth St., No. 446, s s, 200' e Tenth Ave., five-st'y brick and stone tenement; cost, $12,000; owner, Henrietta Holzderber, 313 West Twenty-eighth St.; architect, Wm. Kusche.

One Hundred and Twenty-seventh St., 250' e Seventh Ave., four-st'y basement brick flat; cost, $40,000; owner and builder, John B. Davis, 236 East One Hundred and Twenty-sixth St.; architect, Wm. H. Hume.

Jay St., No. 14, eight-st'y brick warehouse; cost, $35,000; owners, D. Buchner & Co., 173 Duane St.; architects, Berger & Baylies; builders, John P. Schweikert and John Downey.

Chatham St., No. 153, rear; three-st'y brick stable and workrooms; cost, $3,500; owner, B. M. Cowperthwait, 157 Chatham St.; architect, H. B. Thompson; builders, Jno. Thatcher and G. B. Colyer.

Avenue A, s e cor. Fifty-seventh St., four-st'y brick and brown stone flats; cost, $29,000; owner, Thos. Fitzgerald, Fifty-sixth St. and Avenue A; architect, W. R. Smith.

Alexander Ave., w s, One Hundred and Thirty-sixth St. to One Hundred and Thirty-seventh St., 12 three-st'y brick dwells.; cost, each, $7,500; owner, Mary Dugan, 144 Alexander Ave.; architect, John Rogers; builder, Jas. O'Kane.

Park Ave., e s, Sixty-ninth and Seventieth Sts., 12 three-st'y and attic brick (brownstone front) dwells.; cost, total, $300,000; owner and builder, Wm. H. Browning, 441 East Seventy-seventh St.; architect, Bassett Jones.

Forty-fifth St., n s, 100' w Sixth Ave., 6 four-st'y and basement brick and stone dwells.; cost, total, $90,000; owner, A. H. Barney, 82 Broadway; architect, James B. Lord; builders, L. N. Crowand Hamilton & Henry.

One Hundred and Forty-fifth St., s s, 125' e Brook Ave., three-st'y frame dwell.; cost, $3,300; owner, P. Stapleton, 417 West Fifty-sixth St.; architect, James T. McKinstry; builder, Ed. McKinstry.

ALTERATIONS.—*West Thirty-first St., No.* 147, two-st'y brick extension; cost, $3,000; owner, John Wagner, on premises; architect, J. Kastner.

Cherry St., No. 376, n e cor. Gouverneur St., raised one and one-half stories, also, two-st'y brick extension, interior remodelled and walls altered for store and tenement; cost, $9,500; owner, P. A. Fogarty, 352 West Fourteenth St.; architect, J. B. Franklin.

Cherry St., No. 196, cor. Manhattan Lane, rebuild part destroyed by fire; cost, $3,600; owner, Robert

cannot close my Bayreuth corrence to the theatre in which these f the successful *ensemble* I have al- orth while at this distance to com- alternate in their *rôles*. But to the ten enough called, for it is the only illusion is attained; and if at the to build an opera-house on any old- cused of either great wilfulness or that if a new opera-house is to be odel may be taken into considera- spectator in an artistic mood. The e shape of an amphitheatre, each that up to the first boxes in the d as another. There are no boxes n by simple but handsome columns, by means of which the whole house ecially advantageous is the absence e stage with the auditorium. Its ween the last columns and the stage, in which the invisible orchestra is ace is that it makes the stage seem on it are as large as before, and by , in consequence, seems larger and en our ordinary stages and that of o that between a photograph and a sion is rendered the more complete s and the conductor to the audience, course, to the vocalists. The sounds not localized by the hearer. They — to hover about the singers as its he music thus gains that exquisite isible music, as all those know who orning by a serenade. The sounds, the singers are never "drowned," as res. The only disadvantage of the ss, being actually placed under the , wherefore the stirring fortissimo tomed splendor and glory; but this lied by a somewhat different acous- ll the present advantages. — *Corre-*

ial ce being introduced, made Mour It is alleged by eminent terial known to science which pos- e virtue of being fire-proof. Mois- is an elastic mass, which can be ex- ot shrinking or showing any cracks. ly adapted for repairing defective mortar for fire-proof buildings, and es. The mode of its preparation is ll mixed in a dry state, a small quan- ell together. As a mortar it can be ng furnaces, however, care must be to the walls, so as to leave a smooth, air the cement easily crumbles and over it must not be treated roughly cks in furnaces, retorts, etc., should f possible roughed before applying nded should be damped beforehand. Wiesbaden, gives the following re- ritty substance, consisting of a good d round particles of quartz. When y, compact, and easily moulded. In 120 degrees C. there were:

.....	10.18
.....	11.93
.....	73.58
.....	0.41
.....	0.23
.....	0.17
.....	0.09
.....	3.46
	100.05

fusible matter such as iron, etc., is the fire treatment the cement showed g heated to silver-smelting heat, or nt turned to a gray color, speckled re being earthy and porous. — *Scien-*

Two inventors in Böhemia have pat- elling cast-iron pipes, which can be hat are made with cores. It consists with the enamel and then pouring in he melted iron fuses the enamel, and n, and detaches itself so completely said to be all that can be desired for purposes. In casting sinks, basins, pplied to the sand on that side of the de of the basin. The composition of nt is said to differ from the old form n and the extraordinary cheapness of ap that it has found extensive use in olor this new enamel is gray. It will water-pipes, because it will make the ssy lin . It will be no less useful liable erosion from the gas they iques. mine-water, and in chemical ies in mical laboratories, it should — *Wood and Iron.*

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

263,305. Weather-Strip. — Wm. H. Blair, Janesville, Wis.

263,317. Roof-Paint. — Robert E. Bruce, Lancaster, Pa.

263,323. Water-Fountain for Stock. — Evin E. Davis, Tama City, Io.

263,334. Lathe-Rest. — Alexander Gordon, Cincinnati, and Jas. W. See, Hamilton, O.

263,354. Construction and Decoration of Buildings. — Henry C. Rew, Chicago, Ill.

263,371. Window-Screen. — Horatio O. Whyman, Norfolk, Neb.

263,380. Electric Safety Apparatus for Elevators. — Cyrus W. Baldwin, Chicago, Ill.

863,381. Roofing-Tongs. — Thomas Babb Beeson, Wilmington, Del.

263,412. Method of Illuminating Basements. — Peter H. Jackson, San Francisco, Cal.

263,426. Scaffold-Tie. — John T. O'Brien, Philadelphia, Pa.

263,443. Hot-Air Register Border. — Romanzo Trefethen and Jacob M. Willey, Dover, N. H.

263,446. Flush-Pot for Kitchen Sinks, etc. — George E. Waring, Jr., Newport, R. I.

263,448. Sewer-Induct and its Cover. — John F. Withey, Lynn, Mass.

263,450. Flush-Cistern. — William Wright, Plymouth, County of Devon, England.

263,455. Bit-Stock. — Charles H. Amidon, Buffalo, N. Y.

263,461. Soil and Waste Pipe. — James Barrett, Boston, Mass.

263,471. Wrench. — William A. Bradford, Goshen, Ind.

263,494. Soil or Drain Pipe. — Patrick W. Doherty, Boston, Mass.

263,536. Sash-Fastener. — Edward Kuhns, Indianapolis, Ind.

263,560. Fire-Escape Ladder. — Thomas Miller, Jersey City, N. J.

263,570. Elevator for Building Material. — John Otter, Chicago, Ill.

263,578. Carpenter's Rule. — Francis J. Power, Boston, Mass.

263,579. Laying Artificial Stone or Concrete Pavements. — Ernest L. Ransome, San Francisco, Cal.

263,583. Metallic Roofing-Shingle. — Henry S. Reynolds, Brooklyn, N. Y.

263,592. Bath-Tub. — William W. Rosenfield, New York, N. Y.

263,602. Calipers and Dividers. — Bernard K. Shumway, Chicopee Falls, Mass.

263,603. Elevator. — William H. Skerritt, Jersey City, N. J.

263,619. Eaves-Trough Hanger. — William F. Stoetzel, Omaha, Neb.

263,668. Process of and Apparatus for Preparing Roofing-Felt and Sheathing-Paper. — William H. Stelwagon, Philadelphia, Pa.

10,191-192 (*Reissue*). Elevator. — Geo. C. Tewksbury, Newark, N. J.

SUMMARY OF THE WEEK.

Baltimore.

Additions to Dwellings. — Messrs. J. A. and W. T. Wilson, architects, have made drawings for additions to the third st'y and a fourth st'y for the dwell. No. 279 North Charles St.; cost, $1,500; Mr. Wm. B. Wilson, owner.

Building Permits. — Since our last report twenty-eight permits have been granted, of which the following are the more important:

S. Frankenstein & Son, two-st'y brick building, McHenry St., between Monroe and Payson Sts.

Jos. Turner, 6 three-st'y brick buildings, Madison Ave., between Laurens and Oliver Sts.

Mrs. C. Hiltz, 2 two-st'y brick buildings, Dallas St., between Thames and Lancaster Sts.

J. C. Schaffer, three or four st'y brick warehouse, n w cor. Lexington St. and Diamond Alley.

Fort Ave., Permanent Building Association, 5 three-st'y brick buildings, n w cor. Hanover St. and Fort Ave.

L. H. Robinson, 12 two-st'y brick buildings, Presstman St., between Mount St. and Bruce Alley.

Jno. H. Farber, four-st'y brick building, North St., between Pleasant and Bath Sts.

W. T. Jordan & Co., two-st'y brick building, 32' x 48', Block St., w of the "Drawbridge."

J. C. Fenhagen, two-st'y brick packing-house, Aliceanna St., between Washington and Chester Sts.

L. M. Carrick, 3 three-st'y brick buildings, Mount St., between Edmondson Ave. and Franklin St.

Chas. Ganz, three-st'y brick building, Chase St., between Greenmount Ave. and McKim St.

A. L. Black, 5 three-st'y brick buildings, Chase St., w of Constitution St.

S. T. Richardson, 8 three-st'y brick buildings, Mount St., commencing at s e cor. of Presstman St.

S. T. Richardson, 6 three-st'y brick buildings, Presstman St., between Mount St. and Vincent Alley.

Henry Westphal, 12 two-st'y brick buildings, Barney St., commencing at s w cor. Byrd St.

S. O. McComas, 6 two-st'y brick buildings, Cole St., commencing at s e cor. Gilmor St.

Fred Kroeber, three-st'y brick building, n w cor. Washington and Bank Sts.

Seth A. Marchand, 4 two-st'y brick buildings, Chester St., between Fayette St. and Fairmount Ave.

Seth A. Marchand, 4 two-st'y brick buildings, Castle St., between Fayette St. and Fairmount Ave.

Boston.

Building Permits. — *Newbury St., No.* 280, Ward 11, for Silas W. Merrill, three-st'y dwell., 23'4" x 62'; S. W. Merrill, builder.

Kneeland St., Nos. 169 *and* 173, cor. South St., Nos. 223 and 225, Ward 12, for Patrick Holly, four-st'y dwell., 17' 4" x 37' 6"; Asa Lowe & Co., builders.

Silver St., Nos. 254 *and* 256, Ward 13, for Dudley Pray, one-st'y store and dwell., 21' 6" x 34'; S. H. L. Pierce, builder.

Northampton St., cor. Baldwin St., Ward 18, for Sarah McDonald, two-st'y glass-manufactory, 47' x 51'; Leander Greely, builder.

Parker St., near Boylston St., Ward 22, for Samuel G. Snelling, two-st'y mechanical, 20' x 40'; J. D. Payne, builder.

Wood. — *Elmore St.*, near Mayfair St., Ward 21, for L. L. and G. H. Whitney, two-st'y dwell., 28' x 42'; ell, 18' x 25'; L. L. and G. H. Whitney, builders.

Elmore St., near Mayfair St., Ward 21, for L. L. & G. H. Whitney, two-st'y dwell., 28' x 42'; ell, 18' x 25'; L. L. & G. H. Whitney, builders.

East Seventh St., near M St., Ward 14, for Edmund C. Coleman, one-st'y dwell., 19' x 30'; ell, 12' x 15'; Wm. T. Eaton, builder.

M St., cor. East Seventh St., Ward 14, for Edmund C. Coleman, one-st'y dwell., 21' 3" x 33'; Wm. T. Eaton, builder.

M St., near East Seventh St., Ward 14, for Edmund C. Coleman, one-st'y dwell., 21' 3" x 33'; Wm. T. Eaton, builder.

Brighton Ave., near Allston St., Ward 25, for Chas. A. Sabine, one-st'y stable, 22' x 29'; Chas. A. Sabine, builder.

Garfield Ave., off Carey St., Ward 23, for Chas. B. Botsford, one-st'y stable, 28' x 28'.

Allston Sq., near Allston St., Ward 25, for M. T. Sprague, one-st'y stable, 28' x 28'; M. T. Sprague, builder.

Hulbert St., near Regent St., Ward 21, for John Guirney, two-st'y dwell., 25' 2" x 38' 2".

Quincy St., near Columbia St., Ward 24, for City of Boston, one-st'y primary school, 33' 2" x 65' 8"; John B. Wilson, builder.

Pynchon St., opposite Cedar St., Ward 21, for J. P. Thorndike, one-st'y iron foundry, 60' x 140'; Clark & Lee, builders.

Brooklyn.

Building Permits. — *Vanderbilt Ave.*, e s, 20' s Bergen St., 4 three-st'y brownstone flats; cost, each, $5,500; owner, architect and builder, John V. Porter, 184 Park Pl.

Myrtle Ave., s s, 20' e Throop Ave., 6 three-st'y brick flats; cost, each, $6,000; owner, D. R. James, Myrtle Ave.; architect and carpenter, R. C. Addy; mason, not selected.

Oakland St., e s, 130' n Calyer St., three-st'y frame tenement; cost, $2,500; owner, Bart. Conley, 269 West Twenty-second St., New York; architect, F. Weber; builder, not selected.

Beaver St., e s, opposite Park St., 4 two-st'y frame dwells.; cost, each, $2,300; owner and builder, Geo. Loeffler, 82 Tompkins Ave.; architect, Th. Engelhardt.

Marcy Ave., s e cor. Walabout St., 3 three-st'y frame tenements; cost, each, $4,000; owners, Moller & Schumann, Marcy Ave., cor. Flushing Ave.; architect, J. Platte; builders, H. Grasman and John Rueger.

Pierrepont St., s s, 175' e Henry St., four-st'y brownstone dwell.; cost, $60,000; owner, A. D. Farmer, 63 and 65 Beekman St., New York; architect, Wm. Baker; masons, E. D. Connolly & Son; carpenter, not selected.

Willoughby Ave., n s, 100' w Marcy Ave., 2 three-st'y brownstone dwells.; cost, $8,000 each; owner and carpenter, Samuel Peden, Jr., 399 Marcy Ave.; mason, J. Softy.

Flushing Ave., s s, 200' e Marcy Ave., one-st'y brick warehouse; cost, $3,000; owners and builders, Chas. Phizer & Co., 11 Bartlett St.; architect, M. J. Morrill.

Seventh Ave., n w cor. Eighteenth St., 4 three-st'y frame tenements; cost, each, $2,400; owner and carpenter, Frederick Schroeder, 386 Seventeenth St.; architect, W. H. Wirth; mason, C. Lauenstein.

Forrest St., n s, 16' n w Flushing Ave., 2 three-st'y frame tenements; cost, $6,500; owner, Hor. Gerdes, 1231 Flushing Ave.; architect, Geo. Hillenbrand; builders, J. Schloebrand & J. Weldner.

Greene Ave., No. 259, n s, 300' e Grand Ave., two-st'y brick shop; cost, $5,000; owner, architect and builder, J. N. Smith, 371 Lafayette Ave.

Norman Ave, No. 111, s s, 225' e Eckford St., three-st'y frame tenement; cost, $4,500; owner, Boesche Rebers, on premises; architect, Th. Engelnardt; builder, Ch. Antonius.

Clason Ave., No. 100, w s, 275' s Flushing Ave., three-st'y frame tenement; cost, $4,500; owner, Margaret Downey, on premises; architect, Th. Engelhardt; builder, J. G. Hoepfer.

St. Mark's Pl., No. 751, two-st'y brick coachhouse; cost, $6,000; owner, James Haslehurst, on premises; architects, Wm. Field & Son; builders, Jas. Ashfield & Son and T. A. Remsen.

King St., No. 111, being 125' n w Richards St., three-st'y brick tenement; cost, $4,200; owner, Chas. Smith, on premises; architect, G. Damen; builders, Peter Kelly & Son.

Thirteenth St., n s, 60' e Fourth Ave., 2 two-st'y brick dwells.; cost, each, $3,000; owner and architect, T. Pitbladdo, 213 Seventeenth St.; builders, W. & T. Corrigan.

Graham Ave., w s, 100' s Grand St., three-st'y frame tenement; cost, $3,600; owner, Daniel Canty, 532 Grand St.; architect, G. Hillenbrand; builder, U. Maurer.

Lafayette Ave., Nos. 1118-1122, s s, 110' e Broadway, 3 two-st'y frame dwells.; total cost, $7,500; owners, Isaac Debevoise and H. Stocks, 1437 Broadway; builder, H. Stocks.

Willoughby Ave., s s, about 190' e Throop Ave., three-st'y and basement brick dwell.; cost, $14,000; owner, James Richmond; architect, Henry F. Kilburn; builders, John Clark and P. F. O'Brien.

Palmetto St., n s, 230' w Myrtle Ave., three-st'y frame store and tenement; cost, $5,000; owner, Hen. Steinmann, cor. Fifth and North Ninth Sts.; architect, Geo. Hillenbrand; builders, G. Welsch and John Rueger.

Fulton St., s s, 285' e Rochester Ave., 3 three-st'y frame stores and dwells.; cost, $2,500 each; owner, Alex. C. Hanner; architect, T. F. Thomas; builders, Lee & Co. and —— Nichols.

Alterations. — *Myrtle Ave., No.* 341, raised 2'; also one-st'y brick extension; also store front strengthened; cost, $2,700; owner, H. W. Rozell, 383 Myrtle Ave.; builders, W. Bulkley and Long & Barnes.

Prospect Pl., late Warren St., n s, 58' 7" w Brooklyn Ave., two-st'y brick extension, interior alterations etc.; cost, $6,000; owner, Chas. S. Emery, St. Mark's Pl., n e cor. Brooklyn Ave.; architects, Wm. Field & Son; builders, Jas. Ashfield & Son and Powderly & Murphy.

Henry St., No. 327, e s, 100' s Atlantic Ave., three-st'y brick extension, front and interior altered; cost, $2,250; owner, Mr. Ludrich, on premises; builders, M. Gibbons & Son.

De Kalb Ave., Nos. 617 *and* 619, add one-st'y flat; also three-st'y frame extension; cost, $3,000; owner, P. M. Dale, 60 South Elliott Pl.; builder, W. J. Helgan.

Chicago.

House. — W. Loomis is about to build a house on Dearborn Ave. It is to be of brownstone, with pressed brick finish; it will cost $20,000; Cobb & Frost, architects.

Church. — The English Lutheran Congregation is about to build a Gothic church, on the cor. of Elm St. and La Salle Ave., from plans by C. O. Hansen; it is to cost $30,000.

Store. — F. Wasco is building store and flat on cor. Division St. and Ashland Ave., from plans by J. J. Flanders; cost, $5,000.

Building Permits. — Wm. Kemper, two-st'y brick dwell., 24' x 40', Kemper St., near Orchard St.; cost, $3,500.

J. Pojder, two-st'y and basement brick store and dwell., 24' x 100', 608 Throop St.; cost, $9,000.

C. Swensen, two-st'y and basement brick store and dwell., 22' x 46', 260 Townsend St.; cost, $4,000.

Thomas Seeger, three-st'y and basement brick store and dwell., 25' x 75', 244 Indiana St.; cost, $7,000.

R. Kalock, two-st'y and basement brick dwell., 20' x 50', 21 McReynolds St.; cost, $4,100.

J. Hacknle, two-st'y and basement brick store and dwell., 24' x 60', 711 Twenty-fifth St.; cost, $4,000.

John H. Drury, three-st'y and basement brick store and dwell., 25' x 47', 269 West Madison St.; cost, $7,000.

F. Walther, three-st'y brick dwell., 22' x 52', 358 North Halsted St.; cost, $4,500.

Frank Charwach, two-st'y brick dwell., 21' x 46', 480 Twentieth St.; cost, $2,700.

D. W. Walker, 5 three-st'y and basement brick dwells., 67' x 96', 1800 to 1808 Indiana Ave.; cost, $15,000.

D. W. Walker, four-st'y brick dwell., 56' x 60', 63 to 65 Eighteenth St.; cost, $10,000.

R. D. Sheppard, five-st'y and basement brick store, 50' x 75', 199 and 201 Fifth Ave.; cost, $30,000.

Potter Palmer, two-st'y brick store, 23' x 70', 12 Quincy St.; cost, $2,500.

Potter Palmer, two-st'y brick store, 23' x 70', 19 Quincy St.; cost, $2,500.

John Hamlen, two-st'y and basement brick dwell., 22' x 60', 557 Twenty-sixth St.; cost, $4,500.

T. O'Shea, two-st'y brick dwell., 22' x 57', 74 Kossuth St.; cost, $3,500.

Frank Rocco, three-st'y and basement brick dwell., 25' x 60', 95 Astor St.; cost, $10,000.

Thomas Chocola, two-st'y and basement brick dwell. and store, 23' x 77', 538 Centre Ave.; cost, $4,000.

A. Lane, two-st'y and basement brick dwell., 22' x 66', 133 North Market St.; cost, $4,000.

John Meister, two-st'y brick dwell., 21' x 56', 313 Eighteenth St.; cost, $3,000.

A. Connors, two-st'y and basement brick dwell., 22' x 50', 330 Centre Ave.; cost, $4,000.

Jacob A. Rothschild, three-st'y and basement brick dwell., 26' x 70', 2633 Michigan Ave.; cost, $18,000.

A. Seedenspinner, two-st'y brick dwell., 21' x 40', 580 Larrabee St.; cost, $2,600.

Peter Schillo, two-st'y and basement brick dwell., 24' x 50', 100 Johnson St.; cost, $6,600.

Freeman Campbell, 6 two-st'y brick dwells., 36' x 120', De Kalb St., near Leavitt St.; cost, $20,000.

M. Schraeder, two-st'y brick flat, 21' x 56', 408 Garfield Ave.; cost, $4,000.

J. E. Fowler, two-st'y brick dwell., 21' x 50', 623 South Ashland Ave.; cost, $2,600.

Wm. Emery, four-st'y and basement brick store, 50' x 85', 75 and 77 Ohio St.; cost, $15,000.

Paul Muehlmann, three-st'y and basement brick store and flats, 24' x 60', 3502 State St.; cost, $8,000.

F. Sefel, three-st'y and basement brick flats, 22' x 56', Franklin St., near Elm St.; cost, $6,000.

North Chicago City Railway Co., two-st'y brick car-house, Larrabee St., near Centre St.; cost, $10,000.

F. Kleinhaus, three-st'y and basement brick store and flats, 25' x 64', 853 Clark St.; cost, $11,000.

Wm. Gerts, two-st'y and basement brick dwell., 21' x 48', 670 Twentieth St.; cost, $4,000.

S. G. Williams, two-st'y and basement brick dwell., 24' x 40', 239 South Lincoln St.; cost, $4,500.

C. G. Meyer, two-st'y brick store and dwell., 24' x 50', 94 Clybourn Ave.; cost, $3,500.

Cincinnati.

Labor Market. — Small demand at present for freestone workers; other branches are reasonably busy.

Building Prospects. — The *Gazette* says that the prospects are, should the rain now keep off, that the fall building trade will be livelier than it has been for several seasons. The builders and con-

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BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

263,610. SLIDING-DOOR. — Robert Bauch, Rockford, Ill.

263,696. WATER-SINK. — William J. Granlees, Philadelphia, Pa.

263,702. BORING AND TENONING MACHINE. — Chester A. Hodges, Beloit, Wis.

263,705. HEATING-STOVE OR FURNACE. — Maurice B. Hull, West Orange, N. J.

263,713. AUTOMATIC WATER-ELEVATOR. — George W. McKenzie, Harrington, Me.

263,714. WIND-MILL. — George W. McKenzie, Harrington, Me.

263,721. FIRE-ESCAPE. — Benjamin F. Pike, Leadville, Colo.

263,734. DUMB-WAITER. — George F. Skinner, Poughkeepsie, N. Y.

263,736. MOLD FOR MANUFACTURING CEMENT PIPE. — N. W. Stowell, Los Angelos, Cal.

263,739. STEAM-HEATING APPARATUS. — Eduard Werner, Grimma, Saxony, Germany.

263,752. MORTISING-MACHINE. — Algernon S. Bangs, Augusta, Me.

263,771. DOOR-OPERATOR. — Clarence V. Derr, Cumberland, Md.

263,773. SAFETY ATTACHMENT FOR ELEVATORS. — William Edson and Nathaniel M. Lowe, Boston, Mass.

263,775. FIRE-ESCAPE. — Ezra Emmert, Dixon, Ill.

263,793. CHIMNEY-TOP. John G. Lindemann, New York, N. Y.

263,791. WRENCH. — Dolphus S. Maynard, Auburn, N. Y.

263,823. TILE-MACHINE. — John F. Stephenson, Edgar, Ill.

263,835. ROOFING TILE OR PLATE. — Thomas B. Atterbury, Pittsburgh, Pa.

263,841. RECEIVER FOR DISINFECTANTS. — James W. Burkett, Brooklyn, N. Y.

263,782. VISE. — John Dennis, Lowell, Mass.

263,783. MANUFACTURE OF HYDRAULIC CEMENT. — Edwd. J. De Smedt, Washington, D. C.

263,787. WATER-CLOSET ATTACHMENT. — Sigmund Edinger, New York, N. Y.

263,903. FIRE-EXTINGUISHER. — Alphonso S. Harris, Chelsea, Mass.

263,914. BRICK. — Edwin A. Kern, Girard, Ohio.

263,922. BURGLAR-ALARM. — Ferdinand A. Langewald, Chicopee, Mass.

263,947. ELECTRIC BURGLAR-ALARM. — Horace F. Neumeyer, Macungie, Pa.

263,950. LOCK-HINGE. — William C. Peckham, Troy, Ohio.

263,952. FIRE-ESCAPE. — Thos. Penn, New York, N. Y.

264,033. DEVICE FOR HANGING VENETIAN BLINDS. — Chas. M. Young, Lockport, N. Y.

SUMMARY OF THE WEEK.

Baltimore.

BUILDING PERMITS. — Since our last report thirty-three permits have been granted, of which the following are the more important: —

Annie C. Johnson, two-st'y brick stable, in rear of Hollis St., between Calhoun and Stricker Sts.

Alexander R. Horner, 5 two-st'y brick buildings, Vincent Alley, west of Lorman St.

Thomas E. Masson, two-st'y brick building, Wolf St., north of Madison St.

C. W. Rockafeller, 15 three-st'y brick buildings, George St., east of Arlington Ave.

Catharine Falvey, two-st'y brick building, Ringgold Alley, between Ramsey and McHenry Sts.

James P. Byrne, three-st'y brick building, Gay St., between Front and High Sts.

E. Feinour, three-st'y brick building, Pearl St., north of Franklin St.

Henry Yotz, two-st'y brick building, rear of Broadway, bet. Allegania and Lancaster Sts.

J. M. Getz, 11 two-st'y brick buildings, Wilcox St., bet. Chase and Biddle Sts.

Henry Hulseman, 2 two-st'y brick buildings, Luzerne St., north of Lancaster St.

James P. Rock, 2 three-st'y brick buildings, Liberty Alley, bet. Madison and Monument Sts.

Joseph B. Cook, two-st'y brick stable, Booth St., bet. Schroeder and Oregon Sts.

Dr. Theo. Cook, two-st'y brick building, n e cor. Randall and Patapsco Sts.

Francis H. Shailus, three-st'y brick building, n w cor. John and McKim Sts.

John Walfrum, two-st'y brick blacksmith shop, York St., east of Light St.

Elizabeth Landin, three-st'y brick building and two-st'y brick building, n w cor. Clement and Towson Sts.

Elizabeth Dill, three-st'y brick building, s e cor. Sterrett and Ramsey Sts.

Francis McCann, two-st'y brick building, in rear of s e cor. Eastern Ave. and Cannon St.

Boston.

BUILDING PERMITS. — *Brick.* — *Commonwealth Ave., Nos.* 463, Ward 11, for G. G. Crocker, four-st'y dwell., 30' x 66'; Woodbury & Leighton, builders.

Wood. — *Rogers Ave.*, near Ruggles St., Ward 22, for Boston & Providence R. R. Corporation, storage for cars, 12' x 200'.

Eastern Ave., near Fort Point Channel, Ward 12, for Boston Wharf Co., freight-shed, 75' x 575'.

Cambridge St., opposite Perkins St., Ward 4, for Wm. P. Parks, three-st'y mechanical, 50' x 80'; J. G. Parker, builder.

Melville Ave., rear, near Washington St., for Edwin T. Merrihew, stable, 16' 6" x 27' 8" and 27' x 35' 6"; Edw. McKechnie, builder.

Medford St., rear of, nearly opposite Corey St., Ward 3, for Palmer, Parker & Co., three-st'y sawmill, 60' x 97'; Mead, Mason & Co., builders.

Rand St., near Randlett Pl., Ward 20, for Bernard Foley, two-st'y dwell., 15' x 20' and 20' x 30'; Henry J. Bartlett, builder.

McGee St., near Norfolk Ave., Ward 20, for J. P. Fenno and J. C. Talbot, two-st'y dwell., 20' x 20'; Wm. Taskaer, builder.

Tremont St., No. 1491, rear, Ward 22, for Magnus Lepstrom, two-st'y mansard dwell., 24' x 32'; Peter Hutchinson, builder.

Auburn St., No. 17, Ward 19, for Kendall Brooks heirs, two-st'y dwell., 22' x 30'; Henry J. Bartlett, builder.

West Cottage St., opposite Woodville Sq., Ward 20, for Silas W. Browning, two-st'y dwell., 24' x 45'; Henry J. Bartlett, builder.

Bremen St., near Putnam St., Ward 1, for J. W. Hunnewell & Co., storage, 30' x 40'; E. W. Archey, builder.

Burroughs St., near Centre St., Ward 23, for John D. Rendall, two-st'y carpenter-shop, 22' x 30'; John D. Rendall, builder.

East Fourth St., near Jay St., Ward 14, for Howard Clapp, three-st'y dwell., 30' x 45'; Howard Clapp, builder.

Brooklyn.

BUILDING PERMITS. — *Fulton St.*, n s, junction Hull St., near Howard Ave., 6 two-st'y frame dwells.; cost, each, $1,500; owner, J. B. King, 5 Bainbridge St.; builders, E. Mullen and O. H. Hoffses.

Halsey St., s s, 100' w Marcy Ave., 10 two-and-a-half-st'y brownstone dwells; cost, each, $4,000; owner, architect and builder, John S. Frost, 574 Franklin Ave.

Sackett St., cor. Nevins, Degraw and Canal Sts., middle of block, one-st'y brick condenser house; cost, $8,000; owner, the Fulton Municipal Gas Co., 342 Fulton St.; architect, J. F. Harrison; builder, R. Deeves.

Wallabout St., s s, 200' w Harrison Ave., one-st'y brick warehouse; cost, $4,000; owners and builders, Charles Phizer & Co., 11 Bartlett St.; architect, M. J. Morrill.

Hart's Alley, s s, between John and Bridge Sts., two-st'y brick stables; cost, $2,100; owner, David W. Maines, 195 Nassau St., architect and builder, O. K. Buckley, Jr.

Bergen St., n s, cor. Dean St., s s, 150' w Clason Ave., 6 three-st'y frame tenements; cost, each, $3,000; owner, Mr. Williamson, 18 Court St.; architect, Thos. McCormick; builders, G. Brazell and W. Wood.

Plaza St., e s, 22' 8" s Butler Pl., three-st'y brick and brownstone dwell; cost, $4,000; owner, E. P. Rogers, 165 Stirling Pl.; architect and builder, P. B. Rogers.

Fifth St., s e cor. North Eighth St., three-st'y frame store and dwell.; cost, $3,500; owner, Henry Muller, on premises; architect, A. Herbert; builders, H. Bruckhauser and Jos. Friese.

Carroll St., n w cor. Hoyt St., 5 two-st'y brownstone dwells.; cost, each, $3,000; owner and builder, Chester Bedell, 337 Smith St.; architect, Theo. Pearson; mason, W. L. Rountree; carpenter, Theo. Pearson.

Hart St., Nos. 176, 178 *and* 180, 3 two-and-a-half st'y brownstone dwells.; cost, each, $5,200; owner and carpenter, M. C. Baker, 194 Hart St.; architect, J. D. Reynolds; mason, E. N. Wood.

De Kalb Ave., n e cor. Bushwick Ave., 4 two-st'y brick dwells.; cost, each, about $4,000; owner, John W. Howard, 1211 De Kalb Ave.; architect, D. T. Atwood.

Willoughby Ave., s s, 205' w Marcy Ave., 2 three-st'y brownstone dwells.; cost, each, about $5,500; owners, R. & E. W. Phillips, 109 Kosciusko St.; architect, E. W. Phillips.

Franklin Ave., e s, 60' s Atlantic Ave., three-st'y brick tenement; cost, $5,000; owner and mason, Philip Sullivan, 409 Decatur St.; architect, T. F. Houghton.

Sackett St., No. 724, between Fourth and Fifth Aves., two-st'y brick dwell.; cost, $3,000; owner, architect and builder, Peter Donlon, 720 Sackett St.

Eighth St., s s, 300' w Third Ave., three-st'y frame tenement; cost, $2,000; owner, W. Nelson, 128 Eighth St.; architect, T. McCormick; builders, G. Brazell and W. Wood.

Snydam St., s s, 120' e Broadway, 3 two-st'y brick dwells.; cost, each, $2,500; owner and builder, Fred. Herr, 778 Broadway; architect, Th. Engelhardt.

Flushing Ave., No. 676, s s, 100' w Throop Ave., three-st'y frame dwell. and store; cost, $3,000; owner, John Bosch, 708 Flushing Ave.; architect, Th. Engelhardt; builders, W. Rauth and L. Fieger.

Chicago.

HOUSE. — The Rev. T. H. Spinner is about to build a house on North Halsted St., to cost $8,500, from plans by W. L. B. Jenney, architect.

FLAT. — Thomas Parker is having plans made for flats at 1011 West Monroe St., by S. M. Randolph, architect. Ground to be broken next week.

BUILDING PERMITS. — F. W. Campbell, two-st'y brick dwell., 20' x 34', 850 West Monroe St.; cost, $3,000.

Mrs. J. Sheikuff, two-st'y and basement brick dwell., 22' x 52', 158 Larrabee St.; cost, $4,000.

D. H. Small, two-st'y brick dwell., 22' x 36', Millard Ave., near Twenty-second St.; cost, $2,500.

John Gillespie, two-st'y and basement brick dwell., 22' x 64', 470 Congress St.; cost, $5,000.

James Clare, one-st'y and basement brick store, 43' x 50', 276 and 278 Fifth Ave.; cost, $12,000.

H. R. Wilson, two-st'y brick dwell., 24' x 56', 90 Ludin St.; cost, $4,000.

Kee & Chappell, two-st'y brick milk depot, 27' x 40', 343 North Franklin St.; cost, $5,000.

J. F. Gillette, 8 two-st'y and basement brick dwells., 60' x 150', 3431 Vernon Ave.; cost, $30,000.

Theodora Hagedorn, two-st'y and basement brick dwell., 24' x 50', Twenty-fourth St. and Wentworth Ave.; cost, $4,000.

Cincinnati.

STORES AND FLATS. — Mr. Frank Armstrong, agent for the Armstrong estate, has commenced the erection of a building 40' on Race St., and 100' on Court St. The first story to be used for stores, and the upper floors as flats or dwellings; cost, $30,000; Mr. Henry Bevis, architect.

WORK OF THE PLANING MILLS. — The product of the Cincinnati planing mills for the past year aggregate $4,000,000. 1,100 men are employed in these mills.

BUILDING PERMITS. — Joseph Smith, three-st'y brick dwell., Tremont St., near Clark St.; cost, $5,700.

Eagle Insurance Co., four-st'y frame building, Third St., near Vine St.; cost, $2,700.

Mrs. Echert, three-st'y brick dwell., Bank St., near Freeman Ave.; cost, $5,800.

Jas. C. Harrel, two st'y frame dwell., Colrain Pike, near Arlington St.; cost, $5,000.

Wm. Miller, four st'y stone front stove works, s e cor. Eighth and Sycamore Sts.; cost, $50,000.

M. Carmichle, two-st'y brick dwell., Calhoun St., near Ohio Ave.; cost, $3,800.

McLane & Shiegai, four-st'y brick dwell., Lawrence St., near Pearl St.; cost, $6,500.

W. S. Merril & Co., addition to two-st'y brick dwell., cor. Sixth and Eggleston Ave.; cost, $2,000.

Jas. S. Armstrong, four-st'y stone front dwell., s w cor. Court and Race Sts.; cost, $30,000; Henry Bevis, architect.

Geo. Criss, 3 three-st'y brick dwells., cor. Kemper Lane and Curtis Sts.; cost, $10,000; Chas. Crapsey, architect.

H. Hoffman, three-st'y brick dwell., Henry St., near Race St.; cost, $2,800.

Seven permits for repairs; cost, $3,700.

Total permits to date, 560.

Total cost to date, $1,655,100.

New York.

PARTNERSHIP. — Messrs. Bruce Price and Geo. A. Freeman, Jr., architects, have formed a copartnership.

STORE. — At the cor. of Chatham and Worth Sts., a six-st'y and basement triangular store, 53' and 63' x 63', of brick, iron and stone, is to be built, at a cost of about $40,000, from designs of Messrs. H. J. Schwarzmann & Co.

TENEMENT-HOUSE. — A five-st'y tenement-house, 25' x 84', is to be built at No. 72 Forsyth St., of brick with stone finish, at a cost of about $16,000; from designs of Mes rs. H. J. Schwarzmann & Co.

EXTENSION. — A large extension is to be made to the residence of Mr. Anderson Fowler, from designs of Messrs. D. & J. Jardine.

ADDITION. — An extensive addition is to be made to the residence of Mr. Anderson Fowler, No. 60 East Sixty-eighth St., from designs of Messrs. D. & J. Jardine.

CONTRACTS. — The contract for building the extension to the Hoffman House has been awarded to Messrs. R. L. Darragh & Co.

The contract for building the Washington Land Co.'s edifice at the foot of Broadway has been awarded to Mr. Barney Spaulding.

BUILDING PERMITS. — *West Nineteenth St., Nos.* 444 *and* 446, three-st'y brick factory; cost, $6,000; owners, John and Robert R. Stewart, 539 West Eighteenth St.; architect, W. H. Walton.

Horatio St., Nos. 110 *and* 112, six-st'y brick and terra-cotta factory; cost, $30,000; owner, F. W. Devoe, Fulton St., cor. William St.; architects, Kimball & Wisedell; builders, M. Reed and Steele & Costigan.

One Hundred and Twenty-fourth St., s s, 225' w Eighth Ave., 2 four-st'y brick and brownstone tenements; cost, each, $20,000; owner, Charles W. Pinckney, 273 West One Hundred and Twenty-fifth St.; architect, T. E. Thomson.

One Hundred and Forty-first St., n s, 230' w Eighth Ave., three-st'y frame tenement; cost, $4,200; owner, F. Kappelman, Eighth Ave., between One Hundred and Thirty-eighth and One Hundred and Thirty-ninth St.; architect and carpenter, William Kusche; mason, —— Kraft.

Eden Ave., e s, about 100' s Birch St., 4 two-st'y frame dwells.; cost, each, $1,500; owner, Andrew Anderson, St. Augustine, Fla.; architect, J. B. Warren; builder, E. B. Nicholas.

Cornelia St., No. 30, five-st'y brick and stone tenement; cost, $20,000; owner, Jacob Varlan, 22 Leroy St.; architect, C. E. Hadden.

West One Hundred and Twenty-sixth St., No. 122, s s, between Sixth and Seventh Aves., four-st'y brownstone dwell.; cost, $22,000; owner, Emma Arnott, 418 West Twenty-fourth St.; architect, G. B. Pelham.

Philadelphia.

BUILDING PERMITS. — *Kensington Ave.*, s e cor. Somerset St., three-st'y store and dwell., 18' x 52'; Dickson Bros., contractors.

Jasper St., s s, e of Oxford St., dye-house, 53' x 150'; Greenwood & Bault, owners.

Wharton St., Nos. 1820 *and* 1822, 2 two-st'y dwells., 16' x 50'; John McConaghy, owner.

Girard Ave., n s, w of Nineteenth St., three-st'y store and dwell., 18' x 54'; Jno. M. Sharp, owner.

Nineteenth St., w s, s of Girard Ave., three-st'y store and dwell., 18' x 54'; Jno. M. Sharp, owner.

Moore St., s s, e of Broad St., s two-st'y dwells., 16' x 44'; James E. Conroy, owner.

Capewell St., s s, e of Gaul St., two-st'y stable, 18' x 30'; A. T. Richards, contractor.

Brown St., n s, e of Front St., 8 three-st'y dwells., 14' x 26'; Thomas A. Lynch, contractor.

East Dauphin St., n s, near Coral St., 622, three-st'y dwell., 16' x 45'; Daniel Register, contractor.

Fountain St., n s, between Washington and Ogle Sts., 2 three-st'y dwells., 15' x 44'; Chas. Bartle, contractor.

Orthodox St., s w cor. James St., 2 two-st'y dwells., 16' x 40'; Jas. McLee, owner.

East St., s s, between Terrace and Cresson Sts., 2 two-st'y dwells., 15' x 28'; Jas. McLaughlin, owner.

St. Louis.

BUILDING PERMITS. — Thirty-six permits have been issued since our last report, fifteen of which are for unimportant frame houses. Of the rest, those worth $2,500 and over are as follows: —

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to reflect over the past. Each foot brings to mind mournful Third Empire is written in the and may be built up from the ered here and there, as if all the en could never put together the nto the dust at Sedan. — *London*

AL EXHIBITION IN THE ASHINGTON.

al Industrial Exposition will be cent halls of the National Capi- vember 25th to December 3d (in- nt resolution of the Senate and , 1882. The object of this un- hich to erect a statue in this city . Garfield, late President of the he bands of a committee of the land, who have already collected and dollars, and expect, with the sufficient sum with which to erect proposed to commemorate. the direction of the leading artists d that artists throughout the en- eurs, will aid the work by con- to the fund — to be sold for its hers, under such rules and regu- Board of Direction. All per- way to this great work are roceed in such manner as their

the way of needle and fancy work ed as one of the more prominent

offers opportunities second only curring on the eve of the assem- of the year when all the foreign , every exhibit will have the at- entatives, but of the representa- well as the representatives of the f all worthy exhibits; or it contributes so much to every patriotic citizen. All ist, manufacturer, etc., and will e exposition. Arrangements for made, and details will be given ection, rooms 90 and 96, Ebbitt

NTILATION OF TRAPS.

AN ARCHITECT: —

paper, on page 119, a reference report to the National Board of I can only infer that the gentle- ore he had read it. He says, siphonage of traps — not always ventilated soil-pipe, he did so rom different vessels that would ipe." If Col. Waring will refer in the *Sanitary Engineer* on the st issue, he will find at B — 1, 2, with a soil-pipe open at the top when but half a pailful or even no "combination" whatever of instances under headings "C" reference quoted above.

EDW. S. PHILBRICK.

CLIPPINGS.

nt of the *Moniteur Industriel* refers ing upon cloth or calico, especially nk. In the first place, the tracing the cloth will expand and become removed by rubbing the surface little powdered chalk has been he disadvantage of thickening the king scratches which detract from of ox-gall, which makes the ink of frequently making it "run," colors. The following is the pro- ed through a filter-paper arranged hrough fine linen which arrests the hen placed again on the fire, and he effervescence ceases the mixture olorless liquid, if the operation has or two must be mixed with the perty of effacing lead-pencil marks. he heliographed raw sienna is also with it the most intimately of any, ount hit.

IE ST. MARIENKIRCHE AT LUBECK.

of St. Mary is beyond question the e ancient Hanseatic port and free 1304 and is built of brick, in that quently met with on the shores of aves, the central one being of the wers, which form so conspicuous a n 407' high. For some time past at before the work was commenced ssion, to perform on them a prelim- rdous and uncommon description. oticed that the two spires are tilted nilicular. The height of the tower nt of the spires is 190', while to the further, making the total elevation the southern spire has for years in- deviation from the perpendicular the west. The rafter work dates h which it was decided to attempt final vertical position. Not a few e result would be a disaster. How- e year 1866 a Lubeck builder, Herr rned a straightening operation upon Lubeck Cathedral with perfect suc- s were not to be deterred from at- e spires of the Marienkirche. The ore commenced some time ago, and rfect success. They were carried Krause, under the direction of a r Schwiening, who promises to pub- ethod he adopted in executing the n on this point is that the straight- y help of a number of small iron ccess it has been determined to pro- ularly leaning northern spire of St.

VER. — A Roman tower discovered ne has been partly unburied and e metres. The walls are in a good ructed of white stone and held to- thar one itself. A number of n an ese ruins. Outside the of La 50 centimetres, while in- some large pieces of tile and bricks . As the Romans paid taxes accor- they deemed it wise to have them e specimens measure from 0m. 15 to 0 in thickness. They are in splen- d color and having a metallic sound their manufacture. The Romans ex- them to dry before placing them in ted to the highest heat, which, how- and regularly progressive stages. e Roman epoch, and for that reason s presented no difficulties. A num- scriptions to pagan deities have been show that some of these relics be- Lorraine from the year 50 to 300 of aulted and is supported on masonry *ican Register.*

EVELOPED BY FRICTION. — A curious n by friction has been observed in a it causing a good deal of alarm among nstructed of stone and iron, the floor pper story of the malt house was a n the malt was taken through an iron ibution through the works. It was ed in operation for a length of time riction of the malt with the shoot, of it the tension of the electricity was stream of sparks. The malt itself rom it to the hands of those standing station as one of demoniacal origin. ince the phenomenon, and the subject at Technical Union. Dr. Werner Sie- luence of the asphalt floor, the malt- ner portions of the building as to be *on Globe.*

. Désiré Charnay, in reporting to the e results of his three years' explora- mentioned that during his latest jour- remains of a palace, at the town of ereof an Indian painting of an armed he maintained, is indisputable proof t the time of the Spanish conquest. e ruins belonged to a people long ago ss than 3,000, perhaps 10,000, and, ne ears old. M. Charnay will not admit s old, and holds that they all belonged aders found in possession of the coun-

: TURPENTINE. — Spirits of turpentine, made sawdust and refuse of the wear ness, and yields fourteen gallons of resin, and a quantity of tar erent odor from that produced in the

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

264,081. LOCKING-LATCH. — Freidrich Hasdenteufel, Iserlohn, Prussia, Germany.

264,116. HOT-WATER HEATING APPARATUS. — Henry Swindell, Allegheny, Pa.

264,117. METHOD OF BURNING BRICK. — Alfred Yates, Cambridge, Mass.

264,118. BRICK-KILN. — Alfred Yates, Cambridge, Mass.

264,208. CURTAIN-FIXTURE. — Charles J. Truemper, Indianapolis, Ind.

264,214. PIGMENT FOR DISTEMPER-PAINTING. — John R. Alsing, Hoboken, N. J.

264,241. LOCK-FAUCET. — William S. Campbell, New Orleans, La.

264,242. FIRE-EXTINGUISHER. — Chas. B. Chace, Cincinnati, O.

264,245. LADDER. — Andrew S. Coles, Mamaroneck, N. Y.

264,250. AUTOMATIC VALVE FOR WASTE-PIPES. — Francis A. Davis, New York, N. Y.

264,254. FIRE-ESCAPE. — William T. Davis, Philadelphia, Pa.

264,262. EAVES-TROUGH HANGER. — Joshua Draper, jr., Oxford, Ala.

264,273. PNEUMATIC BELL-RINGING APPARATUS. — Robert P. Garsed, Norristown, Pa.

264,275. WINDOW-BLIND. — George P. Gee, Rochester, N. Y.

264,310. TRESTLE. — Thomas P. Maddox, St. Louis, Mo.

264,320. AUTOMATIC CUT-OUT FOR GAS-BURNERS. — Gill W. Metcalfe, Baltimore, Md.

264,332. LATHE FOR TURNING IRREGULAR FORMS. — Hollis C. Paine, Lynn, Mass.

264,334. BRICK-KILN. — Ernst E. Polster, Baltimore, Md.

264,345. FIRE-ESCAPE. — Chas. A. Schnell, Troy, O.

264,352. SAFETY-DEVICE FOR ELEVATORS. — Wm. Henry Skerritt, Jersey City, N. J.

264,386. GOVERNOR FOR ELEVATORS. — Charles S. Westcott, Philadelphia, Pa.

264,393. CUT-OFF FOR CISTERNS. — George Wilson, Vinton, Io.

264,398. BRICK-MACHINE. — Milton Wright, Fort Valley, Ga.

264,404. FIRE-ESCAPE. — Joseph P. Curry, Vincennes, Ind.

264,408. HEATING-APPARATUS. — Ephralm H. Graves, Morrison, Ill.

264,421. BEVEL-GAUGE. — Frederick H. Sweet, Williamsport, Pa.

SUMMARY OF THE WEEK.

Baltimore.

BUILDING PERMITS. — Since our last report sixteen permits have been granted, of which the following are the more important:

John McMann, 2 two-st'y brick buildings, Wall St., between Wen and Ostend Sts.

G. W. Taylor, two-st'y brick shop, in rear of Greenmount Ave., north of Townsend St.

Jerry Noonan, three-st'y brick building, Hillen St., between Front and High Sts.

Michael Igo, three-st'y brick building, Doris St., between Bath and Pleasant Sts

Jesse F. Hampton, 2 three-st'y brick buildings, Potomac St., between O'Donnell and Elliott Sts.

Jesse F. Hampton, 2 three-st'y brick buildings, Curley St., between O'Donnell and Elliott Sts.

John W. Woods, two st'y brick building, Foster Alley, between Dolphin and Lanvale Sts.

Jacob Saum, 4 two-st'y brick buildings, Calverton Road, east of Smallwood St.

George D. Hartwig, 2 three-st'y brick buildings, Baltimore St., between Chester and Castle Sts.

Abbott Land Co., 17 two-st'y brick buildings, Canton St., between Tone and Elliott Sts.

Henry Hinck, three-st'y brick building, southeast cor. Bond and Eager Sts.

House of Good Shepherd, three-st'y brick building, southeast cor. Mount and Hollins Sts.

Boston.

BUILDING PERMITS. — *Brick: — Tremont St., No.* 150, Ward 10, for Mr. G. T. White, five-st'y mercantile, brick and stone, 26' x 83'; Weston & Shepard, builders.

Brookline Ave., rear of, near Beacon St., Ward 22, for Boston & Albany R. R. Corporation, two-st'y signal-house.

Wood. — East Fourth St., cor. Jay St., Ward 14, for Howard Clapp, three-st'y dwell., 30' x 45'; Howard Clapp, builder.

Norfolk St., near Walk Hill St., Ward 24, for Frederick Metzger, dwell., 18' x 24'; G. W. Adams, builder.

East Fifth St., No. 523, Ward 11, for Jas. V. Devine, one-st'y and mansard dwell., 21' x 31'; James V. Devine, builder.

East Fifth St., No. 553, Ward 14, for John Pringle, two-st'y dwell., 20' x 30'; D. A. Berry, builder.

Codman St., near Dorchester Ave., Ward 24, two-st'y dwell., 29' x 39'; Adam & John Law, owners and builders.

Codman St., near Dorchester Ave., Ward 24, two-st'y dwell., 29' x 33'; Adam & John Law, owners and builders.

Walnut Ave., rear of, near Dale St., Ward 21, for Wm. Donaldson, owner and builder, stable, 15' x 22' and 22' x 28'.

Walnut Ave., near Dale St., Ward 21, two-st'y dwell., 17' x 18' and 22' x 32'; Wm. Donaldson, owner and builder.

Washington St., rear, nearly opposite Roslin Ave., Ward 23, for Dirk Blylwen, two-st'y dwell., 20' x 82'; John Albrecht & Co., builders.

Georgia St., near Montana St., Ward 21, for Isaac S. Chubbuck, two-st'y dwell., 20' and 36' x 48'; Wilson Bros., builders.

Prentiss St., Nos. 16 *and* 18, Ward 19, for Anna Julia Krone, two-st'y dwell., 27' x 34' 6"; Valentine Brock, builder.

Regent Sq., off Regent St., Ward 21, for Geo. L. Thayer, 2 dwells., 20' x 25' and 27'; James W. Lord & Co., builders.

Columbia St., rear of, near Main St., Ward 4, for John Driscoll, three-st'y dwell., 22' x 35'; E. J. Tully, builder.

Highland Park Ave., No. 10, Ward 21, for John P. Riley, two-st'y dwell., 32' x 46'; Felix J. Portunato, builder.

Princeton St., No. 38, Ward 3, for John C. Hunter, three-st'y dwell., 14' and 20' x 42'; John Hayes, builder.

Princeton St., No. 40, Ward 3, for John C. Hunter, three-st'y dwell., 14' and 20' x 42'; John Hayes, builder.

Pine Hill Ave., near Lawrence Ave., Ward 24, for Payson & Co., two-st'y stable, 40' x 80'.

Beacon St., No. 171, Ward 13, for James Daley, two-st'y dwell. and store, 16' x 28'; J. H. Wigglesworth and J. Drummey, builders.

A St., rear of, Ward 13, for Wm. H. Dole, two-st'y shop, 30' x 70' 6"; Mead, Mason & Co., builders.

Centre St., rear of, near Allandale St., Ward 23, for Trustees Adams Nervine Asylum, two-st'y hospital, 27' and 31' x 57', hip; Norton & Chesley, builders.

Washington St., opp. Roslin St., Ward 21, for Jas. S. King, two-st'y dwell., 20' x 25' and 30'; Millner & Pinkham, builders.

Station St., near B. & P. R. R., Ward 22, for B. F. Cobb & Co., 2 lumber sheds, 22' x 34'; E. C. Benson, builder.

Condor St., near Putnam St., Ward 1, for Frederick Griffin, stable, 20' x 25'; Frederick Griffin, builder.

Elmore St., rear of, near Mayfair St., Ward 21, for L. L. & G. H. Whitney, stable, 22' x 36'; L. L. & G. H. Whitney, builders.

Lexington St., No. 240, near Prescott St., Ward 1, for George H. Libby, two-st'y mansard dwell., 21' 6" x 32'; George H. Libby, builder.

Border St., No. 200, rear of, Ward 1, for John F. Slattery & Co., lumber shed, 20' x 50', office, 10' x 16'; John F. Slattery & Co., builders.

Brooklyn.

BUILDING PERMITS. — *North Fourth St., No.* 174, being 100' Fifth St., five-st'y brick factory; cost, $8,500; owners, H. Muench & Son, on premises; architect, Th. Engelhardt; builder, M. Smith.

John St., n s, 48' e Jay St., eight-st'y brick storehouse and warehouse; cost, $50,000; owners, Arbuckle Bros., 62 Willow St.; architect and carpenter, F. D. Norris; mason, Thos. Donlon.

Franklin St., w s, 75' s Green St., four-st'y brick tenement; owner, A. Adler, Franklin St.; architect, F. Weber; builders, D. H. Hulse and A. J. Hulse.

North Tenth St., s s, bet. First and Second Sts., two-st'y factory; cost, $3,500; owners, J. M. Parrington & Co.; architect and builder, G. A. Kingsland.

Evergreen Ave., e s, 75' s Myrtle St., three-st'y frame tenement; cost, $4,000; owner, Leopo d Michel, Ewen St., cor. Meserole St.; architect, G. Hillenbrand.

Interior lot, 150' w Washington St., and 50' n Front St., three-st'y brick factory; cost, $3,500; owners, Campbell & Thayer, 81 Front St.; builder, John Guilfoyle.

Broadway, n e cor. Fifth St., 5 four-st'y iron and brick business buildings; cost, $ ——; owner, Jas. R. Sparrow & Son, 106 Kent St.; architect, W. B. Dittmars; mason, S. J. Burrows; carpenter, not selected.

York St., s s, 125' e Jay St., four-st'y brick tenement; cost, $7,500; owner, John Dowling, 265 Wyckoff St.; architect, R. B. Eastman; builders, J. H. O'Rourke and Hartt & Boyd.

Magnolia St., n s, 75' e Irving Ave., three-st'y frame tenement; cost, $3,500; owner, architect and builder, James Williamson, 624 Gates Ave.

De Kalb Ave., n w cor. Kent Ave., three-st'y brick store and dwell.; cost, $4,000; owner, Chas. Messerle, De Kalb Ave., near Franklin Ave.; builders, E. Sutterlin and G. F. Chapman.

Fairfax St., n s, abt. 300' e Broadway, three-st'y frame Home for Aged People; cost, $8,000; owner, Society in aid of the Aged, on premises; architect, Th. Engelhardt; builders, C. Dahuken and C. L. Johnson.

Beaver St., n s, 562' e Flushing Ave., 3 three-st'y frame tenements; cost, each, $3,200; owner and builder, Geo. Loeffler, 82 Tompkins Ave.; architect, Th. Engelhardt.

Beaver St., n s, 562' e Flushing Ave., 3 three-st'y frame dwells.; cost, each, $3,200; owner and builder, Geo. Loeffler, 82 Tompkins Ave.; architect, Th. Engelhardt.

Quincy St., n s, 325' w Throop Ave., 4 two-st'y brick dwells.; cost, each, $3,800; owner and builder, G. De Revere, 663 Greene Ave.

North Henry St., No. 37, bet. Meeker Ave. and Herbert St., 25' from Herbert St., three-st'y frame tenement; cost, $3,500; owner, August Winkler, 33 North Henry St.; builders, Jacob Schoen and J. Mesmer.

Broadway, Nos. 853, 855 *and* 857, e s, 48' s Dilmare St., 3 three-st'y brick tenements; cost, $5,500; owner and build-r, Fred. Herr; architect, Th. Engelhardt.

Enst Ave., w s, 20' s Lafayette Ave., 2 three-st'y brick dwells.; cost, each, $3,300; owner, architect and mason, Jno. E. Sagar, 10 Evergreen Ave.; carpenters, J. M. Sagar & Sons.

Myrtle Ave., No. 1568, s s, cor. Palmetto St., three-st'y frame dwell.; cost, $11,000; owner, John Finckeu, Church, cor. Walker St., New York; architect, Th. Engelhardt; builders, H. Westphal and L. Antonius.

Newell St., e s, 100' n Norman Ave., 3 three-st'y frame tenements; cost, $7,500; owner, architect and carpenter, Samuel Self, 142 Manhattan Ave.; mason, Israel Reed.

Fifth Ave., e s, 40' s Nineteenth St., 6 three-st'y brick stores and flats; cost, each, $5,500; owner, Mary A. Heartrung, 344 Van Brunt St.; architect, P. H. Gilvarry; builder, W. J. Conway.

ALTERATIONS. — *Willoughby Ave., No.* 703, three-st'y frame extension; cost, $3,000; owner, —— Longhi, on premises; architect, Th. Engelhardt; builders, F. Spence and A. McCurdy.

Chicago.

STORES. — Cor. Van Buren and Aberdeen Sts., will be built 2 stores and 3 dwells., 58' x 102', two-st'y brick front; cost, $18,000; Daniel Quill, owner.

On cor. Twenty-first St., and Centre Ave., four-st'y store and flats, 21' x 70'; cost, $9,000; Mr. H. McCarthy, owner; Mr. C. O. Hansen, architect.

BUILDING PERMITS. — H. H. Gage, three-st'y flats, 18' x 40', 109 N. Ashland Ave.; cost, $2,500.

Geo. Deacon, three-st'y and basement brick store and flats, 25' x 75', 2830 South State St.; cost, $10,000.

A. Johnson, four-st'y brick dwell., 22' x 40', 67 Fowler St.; cost. $3,000.

Wm. Colline, two-st'y and basement brick dwell., 23' x 48', 871 South Ashland Ave.; cost, $3,500.

H. Specht, two-st'y and cellar brick dwell., 21' x 56', 843 South Ashland Ave.; cost, $3,100.

F. Kabel, two-st'y and basement brick dwell., 22' x 60', 123 Townsend St.; cost, $4,000.

H. Vollrath, two-st'y and basement brick dwell., 25' x 88', 769 Twenty-first St., cost, $6,000.

Chas. Passow, two-st'y and basement brick shop, 22' x 70', 176 Barber St.; cost, $2,500.

F. Leon, two-st'y brick flat, 30' x 55', Swing St., near Fulton St.; cost, $4,000.

J. B. Belohrodsky, two-st'y and cellar brick dwell., 20' x 53', 864 North Ashland Ave.; cost, $4,000.

D. Casey, two-st'y and basement brick store and dwell., 44' x 63', 2516 South Halsted St.; cost, $6,000.

Alexian Bros., two-st'y and basement brick hospital, 22' x 88', 546 Franklin St.; cost, $5,000.

Bryan Wadden, two-st'y and basement brick dwell., 22' x 42', Nassau and Van Buren Sts.; cost, $3,500.

Riverside Distilling Co., two-st'y barn, 264 and 266 Kinzie St.; cost, $4,000.

J. C. & L. D. Hammond, five-st'y and basement office-building, 42' x 62', 177 to 185 La Salle St.; cost, $25,000.

J. C. & L. D. Hammond, two-st'y addition, 45' x 50', 179 La Salle St.; cost, $5,000.

H. Paepcke, two-st'y and basement brick factory, 30' x 40', 180 Fifth Ave.; cost, $3,000.

S. A. Kent, two-st'y attic and basement brick dwell. and barn, 50' x 66', 2042 Michigan Ave.; cost, $40,000.

F. Heinze, two-st'y and basement brick dwell., 44' x 49', 181 Superior St.; cost, $5,000.

S. B. Williams, four-st'y and basement brick flats, 55' x 70', 113 and 115 Locust St.; cost, $35,000.

Trinity Lutheran Church, church-building, 45' x 96', 398 and 400 La Salle Ave.; cost $30,000.

F. Steiger, two-st'y dwell., 20' x 60', 14 N. Halsted St.; cost, $3,300.

W. Harder, two-st'y dwell., 25' x 54', 2838 Dashiel St.; cost, $3,500.

J. A. Koch, two-st'y dwell., 22' x 60', 182 Wright St.; cost, $4,000.

C. A. Rosenbamm, two-st'y dwell., 20' x 32', 678 W. Twentieth St.; cost, $2,600.

M. Corney, two-st'y dwell., 24' x 64', 3600 Wallace St.; cost, $3,400.

Rev. H. Skinner, two-st'y dwell., 38' x 49', 1038 N. Halsted St.; cost, $7,000.

James Bates, two-st'y store and dwell., 24' x 60', 676 Indiana St.; cost, $3,600.

A. Laush, two-st'y dwell., 22' x 51', 568 North Ave.; cost, $4,000.

H. W. Martin, two-st'y dwell., 20' x 69', 197 Third Ave.; cost, $3,500.

T. W. Eaton, two-st'y dwell., 39' x 47', 1447 Fulton St.; cost, $8,000.

M. J. Abbott, three-st'y dwell., 22' x 44', 91 S. Peoria St.; cost, $4,700.

F. Norrick, two-st'y store and dwell., 24' x 50', 99 Nineteenth St.; cost, $2,500.

D. F. Tracey, two-st'y shop, 21' x 58', 2749 Archer Ave.; cost, $3,000.

E. O. Hare, two-st'y shop, 21' x 58', 2146 Halsted St.; cost, $3,000.

P. Young, two-st'y flats, 24' x 60', 347 Burling St.; cost, $4,000.

James Foley, three-st'y dwell., 24' x 60', 210 Centre Ave.; cost, $7,500.

Thomas Parker, Jr., two-st'y dwell., 33' x 80', 1011 W. Monroe St., cost, $10,000.

B. Mueller, two-st'y factory, 43' x 90', 92 West Van Buren St.; cost, $9,000.

Jas. Freed, three-st'y dwell., 22' x 51', Oak and Franklin Sts.; cost, $6,000.

Thos. Notapinski, two-st'y store and dwell, 24' x 35', 543 Noble St.; cost, $2,500.

Benedictine Sisters, two-st'y school, Market near Hill Sts.; cost, $8,000.

J. J. Sherman, two-st'y dwell., 22' x 50', 360 Jackson St.; cost, $4,800.

Mrs. E. O'Brien, three-st'y flats, 46' x 82', 3540 State St.; cost, $6,000.

D. B. Shipman, two-st'y lead works, 50' x 100', 1516 State St.; cost, $10,000.

M. Pischa, three st'y store and dwell., 22' x 66', 168 DeKoven St.; cost, $6,000.

C. Kuhal, two-st'y dwell., 20' x 56', O'Brien and Union Sts.; cost, $3,000.

J. F. Doris, two-st'y flats, 56' x 98', Bissell St. and Webster Ave.; cost, $6,000.

J. Philbin, three st'y flats, 55' x 60', 201 La Salle St.; cost, $10,000.

J. Johnson, two-st'y dwell., 17' x 64', Sheffield and Wauranda Aves.; cost, $2,800.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

264,438. ELASTIC DOOR-CHECK. — Horace H. Burrill, Washington, Ind.

264,444. TRAVELLING CRANE.—Henry Davies, Newport, Ky.

264,460. MILK-HOUSE.—George W. Kennedy, Garnaville, Io.

264,463. FILTERING AND PURIFYING WATER IN WELLS.—George Koeppel, Alma, Wis.

264,469. HOISTING APPARATUS.—William B. Moore, Millsborough, Pa.

264,479. SCREW-NAIL.—Charles D. Rogers, Providence, R. I.

264,482. FLEXIBLE MATCHING AND VENEERING.—Levi S. Shreffler, Elmira, N. Y.

264,492. CLAW-HAMMER AND SCREW-DRIVER.—John A. Thayer, Somerville, Mass.

264,505. ORNAMENTATION OF BRICKS AND TILES.—James C. Anderson, Highland Park, Ill.

264,539. SASH-FASTENER. — Eleazur Kempshall, New Britain, Conn.

264,561. COMBINED DOOR-PLATE, LETTER-BOX AND BELL-PULL.—Charles H. Parmenter, Oakland, Cal.

264,565. HEATING-FURNACE. — Jeremiah J. Richardson, Brooklyn, N. Y.

264,568. FURNACE FOR PRIVIES.—William S. Ross, Madisonville, Ky.

264,573. LOCKING-LATCH.—John Simon, New York, N. Y.

264,577. SCAFFOLD. — George W. Smith, Harlansburg, Pa.

264,693. WATER-CLOSET.—James Hay and Robert H. Lecky, Allegheny, Pa.

264,700. DRYING FLOOR FOR MALT-KILNS. — William H. Hughes, Philadelphia, Pa.

264,706. PIPE-CONNECTION.—Patrick Kellt, Brooklyn, N. Y.

264,715. COMPRESSION-COCK. — Robert H. Lecky, Allegheny, Pa.

264,717. AUTOMATIC GEAR FOR PNEUMATIC SEWERAGE-CONDUITS. — Charles T. Liernur, Haarlem, Holland.

264,745. ELEVATOR.—George R. Peare, Lynn, Mass.

264,793. AUTOMATIC ELEVATOR.—George C. Tewksbury, Newark, N. J.

264,834. FIRE-ESCAPE. — Jacob C. Horton, New York, N. Y.

264,835. HEATING APPARATUS. — Jonathan Johnson, Lowell, Mass.

SUMMARY OF THE WEEK.

Boston.

BUILDING PERMITS. — *Brick. — Exeter St.*, opposite St. James Ave., Ward 11, for Massachusetts Institute of Technology, one-st'y hip drill hall, 51' 8" x 158' 6"; Jas. Fagin, builder.

Trinity Pl., for St. James Ave., Ward 11, for Henry B. Williams, conservatory, 20' x 30'; Arthur E. Rendle, builder.

Wood. — Gore Wharf, Magazine St., junc. Jeffries St., Ward 2, for Abiel Gore, mechanical, 17' x 30'; Abiel Gore, builder.

Bearse Ave., cor. Butler St., Ward 24, for J. G. Grossman, two-st'y dwell., 21' x 26'; J. H. Grossman, builder.

La Grange St., rear of, near Centre St., Ward 23, for Steone Morse, poultry-house, 10' x 40'; A. E. Byrne, builder.

Edgewood St., cor. Southwood St., Ward 21, for Geo. A. Smith, two-st'y dwell., 20' x 30'; A. D. Gould, builder.

Dorchester Ave., Nos. 151, 153, 155, Ward 13, for Wm. Peard, 3 two-st'y dwells. and stores, 20' 8" x 42' each; Wm. Peard, builder.

Orient Ave., near Elm St., Ward 1, for John Riley, dwell., 20' x 27'; Thomas Yeomans, builder.

Florence St., rear, near Poplar St., Ward 23, for Walter E. Whittimore, one-st'y mansard stable, 24' x 30'; Alex. H. Rogers, builder.

Medford St., nearly opposite North Mead St., Ward 1, for Henry Woods, Son & Co., two-st'y stable, 20' x 24'; Ira Hammond, builder.

Tremont St., No. 1680, rear of, Ward 22, for T. Quincy Browne, carriage-house, 19' x 45'; L. M. Burgess, builder.

Tremont St., near Oak Sq., Ward 25, for Hannah Long, two-st'y dwell., 20' x 28' and 28' x 37'; J. E. Burke, builder.

Baltimore.

CHURCH ADDITION.—Addition, 20' x 66', to St. John's (R.C.) Church, cor. Eager and Valley Sts.; also, new marble altars; cost, $8,000; Mr. E. F. Baldwin, architect; Mr. Jno. Stack, builder.

BUILDING PERMITS.—Since our last report twenty-three permits have been granted, the more important of which are the following:—

James Fox, 2 three-st'y brick buildings, East St., bet. Douglass and Low Sts.

A. J. Gettier, 2 three-st'y brick buildings, s w cor. Oregon St. and Cemetery Lane.

J. S. Farren & Co., two-st'y brick packing house, 60' x 60', Boston St., e of Concord St.

James Carrigan, 3 three-st'y brick buildings, Baltimore St., bet. Central Ave. and Lloyd St.

Geo. W. Hildebrand, 2 two-st'y brick buildings, Chestnut Alley, in rear of No. 217 Franklin St.

Henry Tome, two-st'y brick stable, in rear of Townsend St., bet. Oregon and Republican Sts.

Michael McDonnell, two-st'y brick building, Chestnut St., s of Douglass St.

John Ream, Jr., & Co., two-st'y brick shop, and one-st'y foundry, Wicomico St., s of Cross St.

Mrs. E. Hornig, two-st'y brick building, 16' x 26', in rear of s w cor. Charles a nd Randall Sts.

Brooklyn.

BUILDING PERMITS. — *Union St.*, n s, 95' w Seventh Ave., 2 three-st'y brownstone dwells.; cost, each, $7,000; owner, Caroline Zang, 98 Willoughby St.; architect and builder, Wm. Zang.

Nineteenth St., n s, 200' e Third Ave., three-st'y frame tenement; cost, $4,400; owner, John Fey, Twelfth St., near Third Aye.; architect, F. Ryan; builder, D. Ryan.

Court St., w s, 50' s Third Pl., two-st'y brick store and dwell.; cost, $2,800; owner, Mary E. Solomon, 96 Third Pl.; architect and builder, John W. Bailey; mason, J. J. Cody.

Pearl St., e s, 77' s High St., four-st'y brick factory; cost, $12,000; owner, B. T. Harris, 53 Murray St., New York; architect, Mercein Thomas; builders, A. Rutan and L. W. Seaman, jr.

Myrtle Ave., No. 1239, w s, near Evergreen Ave., three-st'y frame store and tenement; cost, $4,000; owner, H. Steffens, 1251 Myrtle Ave.; architect, F. Holmberg.

Judge St., e s, 127' n Powers St., 2 four-st'y frame tenements; cost, each, $7,000; owner, Henry Kinn, Judge St.; architect and carpenter, Wm. Snowdon; mason, E. Bucheit.

Seventeenth St., No. 12, s s, bet. Fourth and Fifth Aves., three-st'y brownstone dwell.; cost, $7,000; owner, Henry W. Bisch, 171 Seventeenth St.; architect, J. F. Wood; mason, J. J. Cody; carpenter, not selected.

Adams St., 350' s e of Broadway, two-st'y brownstone dwell.; cost, $4,500; owner, Albert Houdlett, Pulaski St.; architect, F. E. Lockwood; builder, Fred. Herr.

Sterling Pl., n s, abt. 350' w Seventh Ave., 2 two-st'y brick stables; cost, each, $4,000; owners, John Francis and Norman L. Munro, Seventh Ave. and Lincoln Pl.; builder, J. B. Stringham.

Furman St., w s, fourth pier n Montague St., Wall St. Ferry, one-st'y frame storage shed; cost, $18,000; owners, Phelps Bros. & Co., 54 Brood St., New York; architect and builder, Warren Rosevelt.

Magnolia St., n s, 50' w Hamburg Ave., three-st'y frame tenement; cost, $4,000; owner, Fred. Kaiser, 148 Magnolia St.; builders, Fred. Platz and A. Hofgesang.

Conselyea St., n s, 200' e Ewen St., three-st'y frame tenement; cost, $4,500; owner, O. H. Doolittle, 255 South Third St.

Jefferson St., n s, 170' e Marcy Ave., 4 two-st'y brownstone dwells.; cost, each, $4,500; owner and builder, Harman Phillips, Brooklyn; architect, J. D. Reynolds.

Monroe St., n s, 225' w Franklin Ave., 7 two-st'y brownstone dwells.; cost, each, $5,000; owners, Lambert & Mason, 277 Carlton Ave.; architect, A. Hill.

Lynch St., n s, 125' from Broadway towards Harrison Ave., four-st'y brick factory; boiler-house and engine-room; cost, factory, $14,000, and other two, total, $1,800; owner, August Moll, 181 Hewes St.; architect, A. Herbert; builder, Th. Gibbons.

Marion St., n s, bet. Rockaway and Hopkinson Aves.; three-st'y frame tenement; cost, $4,000; owner, Henry Ekoff, Marion St.; builder, Nicholas McCormick.

Troutman St., No. 15, three-st'y frame dwell.; cost, $4,200; owner, Charles Mills; architect, John Platte; builder, Henry Loeffler.

Myrtle Ave., s s, 125' e Broadway, three-st'y brick cigar factory; cost, $6,000; owner, Charles Vogt, Broadway, near Myrtle Ave.; architect, John Platte; builder, T. Donlon.

Waverley Ave., w s, 143' s Myrtle Ave., two-st'y brick carriage house; cost, $4,636; owner, Charles E. Dingee, 226 Washington Ave.; architects and builders, Mills & Bush.

Ferris St., bet. Dikeman and Partition Sts., one-st'y brick boiler shop; cost, $7,000; owner, Lidgerwood M'fg Co., 96 Liberty St., New York; architect, J. V. Beekman; builders, P. Kelly & Son and Jas. Martin.

Lewis Ave., w s, 50' s Floyd St., two-st'y frame dwell.; cost, $4,000; owner, Weis Ketel, Meserole St., near Ewen St.; builders, Geo. Straub and J. Rueger.

Warren St., s s, 75' w Smith St., four-st'y brick flat; cost, $11,000; owners, architects and builders, M. Freeman's Sons.

Chicago.

PRICES. — No change in the prices of material this week. Brick is a little scare and somewhat stiffer, otherwise remains the same.

APARTMENT-HOUSE. — Mr. Harvey Gault will build a two-story apartment-house on Waubausia Ave., near Lincoln St., to cost $7,000. Mr. W. J. Brookes, architect.

HOUSE. — Mr. H. T. Monroe will build a fine residence on Park Ave., to cost $18,000. Mr. J. D. Ellis, architect.

BUILDING PERMITS. — Mrs. L. Starr, three-st'y stores and flats, 42' x 64', 903 Madison St.; cost, $12,000.

Adam Press, two-st'y dwell., 25' x 59', 66 Lincoln Ave.; cost, $6,000.

A. H. Uphoff, 2 three-st'y dwells., 49' x 50', 3544 Wabash Ave.; cost, $12,000.

C. F. Gunther, six-st'y store, 25' x 100', 260 State St.; cost, $18,000.

S. M. Kelly, 3 two-st'y dwells., 50' x 60', 2965 Groveland Park; cost, $10,500.

Robert Law, six-st'y store, 99' x 150', Madison-st. Bridge; cost, $150,000.

D. Quill, 4 two-st'y stores and dwell., 58' x 102', Van Buren and Aberdeen; cost, $15,000.

A. Grannis, two-st'y dwell., 30' x 55', 2914 Indiana Ave.; cost, $12,000.

J. Cooney, 13 two-st'y flats, 40' x 260', Tallman and North Ave.; cost, $40,000.

D. G. Schwartz, three-st'y store, 536 North Clark St.; cost, $5,000.

S. C. Pardee, two-st'y dwell., 25' x 50', 402 State St.; cost, $6,000.

John Heron, two-st'y flats, 38' x 105', 117 S. Paulina St.; cost, $12,000.

B. & O. R. R., two-st'y passenger depot, 33' x 123', Michigan Ave.; cost, $15,000.

Henry Corwith, six-st'y store, 98' x 150', 124 Market St.; cost, $80,000.

Warder, Breshnell & Glasner, five-st'y warehouse, 80' x 200', Adams and Jefferson Sts.; cost, $70,000.

Gottfried Brewing Co., two-st'y barn, 36' x 100', Alexander & Stewart Aves.; cost, $5,000.

F. Kraennka, two-st'y dwell., 22' x 56', 694 Eighteenth St.; cost, $3,500.

D. Harry Hammer, two-st'y flats, 22' x 44', 3534 State St.; cost, $3,000.

Moses A. Naber, three-st'y dwell., 20' x 40', 47 Peck Ct.; cost, $5,000.

Jerome Beecher, 8 two-st'y dwells., 17' x 70', 2431 Forrest Ave.; cost, $30,000; W. A. Furber, architect.

Lutheran School, two-st'y school-house, 24' x 46', 683 Loomis St.; cost, $2,900.

P. McNally, two-st'y dwell., 21' x 56', 753 Loomis St.; cost, $4,000.

Aug. Schlechte, two-st'y dwell. and store, 24' x 50', 902 Milwaukee Ave.; cost, $3,500.

Board of Education, three-st'y school-house, 79' x 122', cor. Wendell and Wells Sts.; cost, $55,000.

John C. Fitzgerald, two-st'y dwell., 20' x 50', 3647 Dearborn St.; cost, $3,700.

F. Schofield, two-st'y dwell., 20' x 38', 924 Jackson St; cost, $2,500.

L. Z. Leiter, 6 one-st'y stores, 142' x 200', State and Van Buren Sts.; cost, $12,000.

Henry Corwith, three-st'y store and dwell., 25' x 85', 522 West Madison St.; cost, $10,000.

John C. Fitzgerald, two-st'y dwell., 20' x 50', No. 3647 Dearborn Ave.; cost, $3,500.

F. Schofield, two-st'y dwell., 20' x 38', No. 924 Jackson St.; cost, $2,500.

John Campbell, two-st'y dwell., 20' x 60', No. 16 Laflin St.; cost, $5,000.

Louis Hirsch, two-st'y dwell., 20' x 50', No. 210 W. Division St.; cost, $3,500.

Mrs. Ruth A. Young, two-st'y dwell., 20' x 60', No. 1262 Harrison St.; cost, $3,000.

Wm. J. O'Brien, three-st'y dwell., 20' x 60', No. 2765 Archer Ave.; cost, $10,000.

Charles Matthias, 2 three-st'y stores and dwells., 40' x 60', No. 467 N. Clark St.; cost, $15,000.

Gus. Knight, 2 two-st'y dwells., 40' x 58', No. 62 Lincoln Ave.; cost, $11,000.

J. R. Bowie, three-st'y dwell., 23' x 63', No. 706 W. Jackson St.; cost, $5,000.

P. J. McGinnis, two-st'y dwell., 24' x 40', No. 1069 N. Halsted St.; cost, $5,000.

C. W. Division R. R., two-st'y car-house, 126' x 162', Park and Western Aves.; cost, $30,000.

C. W. Division R. R., two-st'y stable, 114' x 162', Park and Western Aves.; cost, $50,000.

J. V. Farwell, two-st'y residence, 60' x 70', s w cor. Pine and Pearson Sts.; cost, $100,000.

H. Fleutz, three-st'y flats, 23' x 80', No. 608 La Salle Ave.; cost, $10,000.

J. F. Dale, 4 two-st'y dwells., 21' x 48' each, No. 1216 and 1222 Jackson St.; cost, $12,000.

J. Hutchman, two-st'y dwell., 22' x 54', No. 27 Howe St.; cost, $3,000.

Aug. Muller, two-st'y flats, 24' x 48', No. 11 Granger St.; cost, $5,000.

A. Wells, two-st'y dwell., 20' x 60', No. 13 Groveland Park; cost, $6,000.

Jacob Derubach, four-st'y store and dwell., 25' x 80', No. 397 W. Chicago Ave.; cost, $14,000.

A. S. Watkins, 4 one-st'y cottages, 20' x 42', No. 3751 La Salle St.; cost, $3,200.

Jas. Griffin, two-st'y addition, 25' x 80', No. 3307 State St.; cost, $3,000.

J. C. Schumacher, one-st'y cottage, 20' x 50', No. 686 Twenty-second St.; cost, $2,500.

A. Newell & Co., three-st'y factory, 40' x 125', Garfield and Racine Aves.; cost, $12,000.

Cincinnati.

LACK OF BRICKLAYERS.—The demand for bricklayers far exceeds the suppiy. This can probably be accounted for by the fact that all the buildings are being pushed in order that they may be got under roof before the winter sets in. The union price for bricklayers is $4.50 per day, but some bosses are offering $5 per day. This will no doubt lead the men to strike for $5 all along the line on or before the first of next year, and thus business will receive another set-back. Cincinnati really needs about 100 more brick-masons.

BUILDING PERMITS. — Keume & Rosenthal, three st'y brick dwell., cor. Myrtle Ave. and Madison Pike; cost, $5,000.

John Donnetta, four-st'y brick factory, Harrison Ave., near Western Ave.; cost, $9,000.

Aug. Heistman, addition to three-st'y brick dwell., Baymiller St., near Clark St.; cost, $3,000.

Mr. Otto Sniger, two-st'y brick dwell., State Ave., near Warsaw Pike; cost, $3,000.

Fred Otte, three-st'y brick dwell., 530 Race St.; cost, $5,000.

C. G. Van Zant, 5 two-st'y brick dwells., John St., near Betts St.; cost, $8,000.

H. Haverbush, two-st'y brick dwell., State Ave., near Stabler St.; cost, $5,000.

Nathaniel Ropes, four-st'y brick dwell., Main St., near Ninth St.; cost, $15,000.

Folding Hat-Rack Co., four-st'y brick factory, 201 Front St.; Chas. Crapsey, architect; cost, $8,000.

J. G. Buddeke, addition to three st'y brick dwell., Linn St., near Clark St.; cost, $3,200.

Wm. Ickoff, two-st'y brick dwell., Brown St., near Eliza St.; cost, $4,000.

Aug. Weisgerberg, two-st'y brick dwell., Harrison Ave.; cost, $1,000.

New York.

BUILDING MATERIALS. — There have been but few changes in the prices of building material lately, and the figures prevailing being fairly low in conjunction with the settled rates of wages afford a good opportunity to build at reasonable rates.

RESIDENCES. — At the cor. of Fifty-fourth St. and Broadway, 4 brick and stone houses, five-st'y, are to be built at a cost of about $65,000; from designs of Mr. A. B. Jones.

BUILDING PERMITS. — *Second Ave.*, e s, 25' 6" s One Hundred and Sixth St., four-st'y brick store and tenement; cost, $10,000; owner, Charles F. Helms,

Oct 7, 1882

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

264,832. Hinge for Awning-Blinds. — F. Barton Brown, Boston, Mass.

264,853. Shutter-Fastener. — F. Barton Brown, Boston, Mass.

264,859. Atmospheric Hammer.—John C. Butterfield, Chicago, Ill.

264,861. Machine for Mixing Mortar or Concrete.—Henry W. Caldwell, Chicago, Ill.

264,863. Blower for Fire-Places.—Benjamin G. Covington, Fort Mill, S. C.

264,868. Carpenter's Vise.—Amos Fales, Denver, Col.

264,873. Shutter-Bower. — Stiles Frost, Boston, Mass.

264,875. Pug-Mill. —Alfred Hall, Perth Amboy, N. J.

264,884. Door-Bell.—James J. Johnston, Columbiana, O.

264,918. Self-Luminous Paint.—William H. Balmain, Eversley, Ventnor, County of Hants, Isle of Wight, Eng.

264,934. Scaffold-Support. — Richard Deeves, New York, N. Y.

264,945. Sash-Fastener. — Samuel R. Hawley, Odin, Ill.

264,977. Speaking-Tube Annunciator. — Joseph Walter, New York, N. Y.

264,990. Fire-Place Attachment. — James P. Winter, Greenup, Ky.

265,012. Brick-Elevator.—John C. Bobzien, Chicago, Ill.

265,090. Illuminating-Grating.—Jacob Jacobs, New York, N. Y.

265,112. Water-Closet Valve. — Henry S. Lord and Cornelius Birkery, Hartford, Conn.

265,141. Pile. — Joseph W. Putnam, New Orleans, La.

265,163. Fire-Place. — James G. Smith, Cleveland, O.

265,174. Grate-Fender. — Stephen S. Stedman and William T. Barker, Jordan's Store, Ga.

265,217. Window-Ventilator.—Edward G. Caldwell, Newton Centre, Mass.

265,220. Automatic Gate for Elevators.—Geo. V. Delue, Boston, Mass.

SUMMARY OF THE WEEK.

Baltimore.

Building Permits.—Since our last report, (12) permits have been granted, of which the following are the more important:—

Saml. T. Williams, three-st'y brick building, w s Caroline St., bet. Baltimore and Hampstead Sts.

H. G. Willis, three-st'y brick building square, s s Pierce St., bet. Pine and Pearl Sts.

John Mehring, two-st'y brick stable, rear w s Fulton Ave., n of Laurale St.

Boston.

House. — Mr. W. H. Coffin is building a house, No. 202 Commonwealth Ave., 25′ x 60′, four-st'y, brick, with stone and terra-cotta trimmings; Mr. I. C. Hooper, mason; Mr. O. F. Smith, of Boston, architect.

Building Permits. — *Brick.* — *Mercantile St.*, cor. Clinton St., Ward 6, Estate of J. and E. Quincy, two-st'y mercantile and mechanical, 20′ x 80′; Wm. Carpenter, builder.

N St., near East Fourth St., Ward 14, for H. B. Stratton, 2 three-st'y dwells., 21′ x 50′; H. B. Stratton, builder.

Wood. — *Tremont St.*, cor. Whitney Pl., Ward 22, for John J. Kennedy, three-st'y dwell., 23′ x 39′; McDonald & Tobin, builders.

Harlow St., near Howard Ave., Ward 20, for Abram Ripley, two-st'y dwell., 18′ 6″ x 35′; ell, 17′ x 21′ 6″; Abram Ripley, builder.

Maple St., near Wayne St., Ward 21, for Wm. D. Forbes, two-st'y dwell., 56′ x 60′; ell, 30′ x 40′; McNeil Bros., builders.

Highland Ave., near Cambridge St., Ward 25, for Jas. W. and John P. Loudon, 2 two-st'y hip dwells., 21′ x 39′; Samuel Davenport, builder.

East Third St., near N St., Ward 14, for C. C. Walworth, two-st'y dwell., 21′ x 31′.

Brook Ave., cor. North Ave., Ward 20, for Carl L. Diltmer, two-st'y dwell., 20′ x 32′; P. Haulon, builder.

Holmes Pl., near Mill St., Ward 24, for Daniel L. Farnum, dwell., 20′ x 25′; John A. Tucker, builder.

Dudley Ave., near Washington St., Ward 23, for John Anderer, two-st'y dwell., 20′ x 28′; John String, builder.

Gerard St., near George St., Ward 20, for Thomas F. Scanlon, lumber storehouse, 32′ x 50′; Andrew Anderson, builder.

Beaumont St., near Carruth St., Ward 24, for Smith W. Nichols, three-st'y dwell., 20′ x 44′ 6″; Wm. J. Jobling.

Washington St., rear, near Green St., Ward 23, for Daniel Carroll, two-st'y dwell., 23′ x 30′; Wm. R. Hudson, builder.

Columbia St., rear of, near Quincy St., Ward 24, for A. W. Spencer, green-house, 30′ x 82′; E. B. Noyes, builder.

Central Ave., cor. Bellevue Ave., Ward 23, for Thomas Van Dyl, dwell., 18′ x 26′; G. W. Bemmink, builder.

Elm St., near Breed St., "Orient Heights," for M. F. Dearcy, three-st'y mansard dwell., 22′ x 28′; S. H. Griffin, builder.

Unnamed St., cor. Webster Ave., Ward 25, for John W. Hollis, 6 two-st'y dwells., 14′ and 20′ x 50′; Jacob W. Berry, builder.

Harlow St., rear, near Howard St., Ward 20, for Abram Ripley, storage, 20′ x 24′; Abram Ripley, builder.

Greenville St., near Winthrop St., Ward 20, for J. E. Came, two-st'y dwell., 19′ and 37′ x 26′ and 37′; H. C. Allen, builder.

Foster St., near Mt. Vernon St., Ward 23, for Horace W. Baxter, two-st'y dwell., 22′ x 35′.

Central Ave., near Berry St., Ward 23, for Geo. Thompson, dwell., 20′ x 26′; John A. Crosby, builder.

Green St., near Union Ave., Ward 23, for Mrs. R. A. Atwood, two-st'y store, 21′ x 30′; J. S. Atwood, builder.

Brooklyn.

Building Permits.—*Lafayette Ave.*, n s, 75′ w Sumner Ave., 5 two-st'y frame dwells.; total cost, $13,-600; owners, Chas. and J. C. Debevoise, 104 Debevoise St.; architects and carpenters, Marinus & Gill; mason, S. J. Burrows.

Nostrand Ave., n e cor. Hancock St., 2 three-st'y brownstone dwells.; cost, each, $4,500; owner, F. M. Kinney, 418 Third St.; architect, J. G. Prague.

Hancock St., n s, 500′ e Bedford Ave., 3 three-st'y brownstone dwells.; owner, architect, and builder, S. E. C. Russell, 58 Hancock St.

Monroe St., s s, 275′ e Nostrand Ave., 4 two-and-one-half-st'y brownstone dwells.; cost, each, about $5,000; owner and architect, F. C. Vrooman, 444 Gates Ave.

Wyckoff St., n s, 120′ w Smith St., three-st'y brick stable and lofts; cost, $5,000; owner, P. Belford, 27 Wyckoff St.; architect, Chas. Werner; builders, J. J. Bentzen and H. J. Smith.

Suydam St., No. 9, n s, 140′ e Broadway, two-st'y frame dwell.; cost, $3,000; owner, Lena Fisher, 16 Myrtle St.; architect and builder, P. Johnson.

Adams St., e s, 25′ n Plymouth St., four-st'y brick store and office-building; cost, $13,000; owner, E.W. Bliss, Pearl, cor. Plymouth St.; builders, M. Reed and E. Snedeker.

Harmon St., n s, 208′ e Evergreen Ave., 25 two-st'y frame dwells.; cost, each, $2,500; owner and builder, J. Hopkins, Jr., 109 Grove St.; architect, E. R. Charatier.

St. Marks Ave., s w cor, Nostrand Ave, on rear, one-st'y stable; cost, $3,000; owner, D. R. Van Nostrand, on premises; architect and carpenter, W. C. Booth; mason, C. A. Barton.

Flatbush Ave., s s, cor. Dean St., four-st'y brick and stone stores and flats; cost, $9,000; owner, F. Darrigrand, 452 Dean St.; architect, F. E. Lockwood.

Jefferson St., n s, 250′ e Marcy Ave., 3 three-st'y brick dwells.; cost, each, $7,000; owner and builder, George H. Stone, 356 Stuyvesant Ave.; architect, G. A. Shellenger.

Gwinnett St., No. 164, s s, 175′ w Throop Ave., three-st'y frame tenement; cost, $4,500; owner, John Schlinger, 160 Gwinnett St.; architect, Th. Engelhardt; builders, Henry Grasman and D. Kreuder.

Moore St., Nos. 171, 173, 175 *and* 177, s s, 125′ e Bushwick Ave., 4 two-st'y frame tenements; cost, each, $8,500; owner, Maggie Julius, on premises; architect, Th. Engelhardt; builders, G. Herrlein and J. G. Hoepfer.

Nostrand Ave., s e cor. Monroe St., 6 four-st'y brownstone tenements; cost, each, $4,800; owner, architect and builder, G. W. Brown, 728 Fulton St.

Manhattan Ave., w s, 120′ n Norman Ave., three-st'y brick store and dwell.; cost, $5,500; owner, Adrian Meserole, 590 Lorimer St.; architect, Fred. Weber; builders, G. J. Roberts and S. M. Randall.

Third St., w s, 400′ s South First St., three-st'y brick dwell.; cost, $5,000; owner, Daniel Driver; architect, E. F. Gaylor; builders, J. Rodwell and R. B. Ferguson.

Floyd St., s s, 350′ e Marcy Ave., 3 three-st'y frame tenements; cost, $3,000; owner, John Bernauer, Stockton St.; builders, G. Straub and J. Rueger.

Bridge St., n e cor. Plymouth St., four-st'y brick paint factory; cost, $16,000; owner, P. Cassidy, 1119 Madison Ave., New York; architect, M. J. Morrill; mason, George Phillips.

Chicago.

Houses. — J. V. Farwell is about to build a mansion on Pearson St., near Lake Michigan. The front will be marble from north shore of Lake Michigan. The dimensions are 65′ x 70′.

S. A. Kent is building a new house, of Philadelphia pressed brick, 60′ x 100′, on Michigan Ave., near Twenty-ninth St. The plans for both these residences were prepared by Burnham & Root.

Building Permits. — C. Dannehl, three-st'y and basement brick store and dwell., 24′ x 75′, 571 Ogden Ave.; cost, $6,000.

Mary Mott, two-st'y brick dwell., 22′ x 40′, 358 South Clinton St.; cost, $2,500.

John J. Karsters, two-st'y and basement brick store and dwell., 25′ x 62′, 177 West Harrison St.; cost, $3,500.

Paul Pundt, two-st'y and basement brick dwell., 21′ x 46′, 826 West Twelfth St.; cost, $3,000.

J. W. Jackson, Jr., two-st'y and basement brick dwell., 25′ x 50′, 273 Hubbard St.; cost, $3,000.

A. Moeller, three-st'y and basement brick store and dwell., 35′ x 72′, 685 West Chicago Ave.; cost, $5,000.

Edward Hudson, 9 three-st'y and basement brick stores and dwells., 56′ x 181′, 3108 Wabash Ave., and 293 to 309 Thirty-first St.; cost, $45,000.

Abe Klee, two-st'y and basement brick dwell., 22′ x 50′, 38 Cornell St.; cost, $4,500.

F. A. Kruse, three-s 'y and basement brick dwell., 26′ x 50′, 255 North Ave.; cost, $6,000.

Fred B. Clarke, two-st'y and basement brick store and dwell., 21′ x 60′, 628 Twelfth St.; cost, $3,200.

J. A. Whidden, two-st'y and basement brick dwell., 22′ x 60′, Twenty-second St., cor. Jone- — cost, $6,000.

J. A. Homan, two-st'y and attic brick dwell., 23′ x 50′, 1122 Fulton St.; cost, $4,000.

Fortune Bros. Brewing Co., four-st'y and basement brick ice-house, 66′ x 93′; Pearce St., near Desplaines St.; cost, $20,000.

J. H. Brooks, 2 three-st'y and basement brick dwells., 23′ x 52′ each, 612 and 614 Division St.; cost, $18,000.

Samuel Burkhardt, 2 three-st'y and basement brick stores and dwells., 48′ x 66′, 3817 and 3819 Halsted St.; cost, $10,000.

Nathan Davis, three-st'y brick dwell., 20′ x 25′, 1609 Wabash Ave.; cost, $3,000.

J. L. Stewart, two-st'y and basement brick dwell., 28′ x 47′, 540 and 542 West Van Buren St.; cost, $7,000.

J. H. Thompson, 2 three-st'y brick dwells., 44′ x 56′; Nos. 15 and 17 Seymour St; cost, $8,000.

M. J. Andryzayk, two-st'y brick store and dwell.; No. 673 Ashland Ave.; cost, $5,000.

H. V. Bemis, two-st'y and basement brick addition, 16′ x 50′; No. 2322 Indiana Ave.; cost, $5,000.

James Lyons, 2 one-st'y cottages, 22′ x 40′ each; Thirty-third and Jones Sts.; cost, $2,500.

A. W. Harlow, two-st'y and cellar brick dwell., 25′ x 86′; No. 475 Congress St.; cost, $6,000.

Peter Schoenhover, brick elevator, 22′ x 100′; Crawford Ave., near Canal St.; cost, $50,000.

Clark, Raffen & Co., four-st'y and basement brick machine shop, 50′ x 72′; Ohio St. near Kingsbury St.; cost, $12,000.

J. W. Rich, three-st'y and basement brick dwell., 22′ x 62′; No. 265 La Salle Ave.; cost, $8,500.

A. Seeberger, 3 one-st'y brick cottages, 20′ x 30′, each; Thirty-seventh Court, near Butler St.; $3,000.

E. L. Smith, three-st'y brick basement, store and dwell., 24′ x 70′; No. 260 Division St.; cost, $5,600.

A. Elmars, three-st'y brick store and flats, 25′ x 50′; No. 3159 State St.; cost, $5,000.

J. A. Green, two-st'y and basement brick dwell., 21′ x 45′; No. 329 Idaho St.; cost, $2,500.

John Falvey, two-st'y and basement brick dwell., 20′ x 42′; No. 72 Millard Ave.; cost, $3,000.

M. Milligan, three-st'y and basement brick dwell., 27′ x 40′; No. 323 Franklin St.; cost, $5,000.

Sutter Bros., 3 three-st'y brick dwells., 50′ x 72′; Nos. 3551 to 3553 Lake Ave.; cost, $15,000.

J. W. Wilson, brick basement, 22′ x 54′; No. 3032 Wentworth Ave.; cost, $2,800.

James Todd, two-st'y brick addition, 30′ x 65′; No. 331 to 333 Wabash Ave.; cost, $3,000.

A. C. Norris; two-st'y and cellar brick dwell., 25′ x 62′; No. 468 Congress St.; cost, $7,000.

Louise Fowler, three-st'y brick dwell., 20′ x 64′; No. 15 Willard Place; cost, $8,000.

Frances Rew, three-st'y and basement brick dwell., 24′ x 67′; No. 562 N. Wells St.; cost; $7,500.

Bartholomee & Leicht, three-st'y and attic brick dwell., 50′ x 75′; Sedgwick St., near Centre St.; cost, $16,000.

E. Uehlein, two-st'y and basement dwell., 24′ x 50′, No. 64 Granger St.; cost, $7,000.

Wm. Gilman, three-st'y and basement brick factory, 41′ x 60′; Nos. 132 and 134 Lake St.; cost, $4,-000.

D. P. Peck, three-st'y brick dwell., 25′ x 60′; No. 59 Bryant Ave.; $5,000.

Honora Graham, three-st'y basement, store and dwell., 23′ x 60′; No. 78 Douglas Ave.; cost, $3,000.

Geo. Lauterbach, two-st'y and attic brick dwell., 24′ x 30′; No. 51 Thirteenth St.; $2,500.

Frank Fiava, two-st'y and basement brick dwell., 21′ x 50′; No. 442 Nineteenth St.; cost, $3,000.

Cincinnati.

Annual Report.—We learn from the advance sheets of the forthcoming annual report of the Builders' Exchange that during the year last past a total of 34,000 cubic yards of sand was used in connection with building of this city at a total cost of over $120,-000; and that the amount of lime used was 600,000 bushels.

Art Museum.—Ground was broken last week for the new Art Museum building in Eden Park. The contracts for building the cellar have been awarded, and it is expected to push this part of the work as fast as the weather will permit. Mr. McLaughlin the architect is at work on the rest of the plans.

Building Permits.—John Werner, two-st'y brick dwell., 1620 Eastern Ave.; cost, $4,600.

Aug. Euneking, two-st'y brick dwell., Woodburn Ave., near Lincoln Ave.; cost, $3,500.

John Koeler, two-st'y brick dwell., Wheeler St., near Calhoun St.; cost, $2,100.

Four permits for repairs; cost, $2,000.

Cleveland.

Building Permits.—*Sibley St.*, 6 stone dwells.; cost, $24,000; owner, I. Reynolds; architect, J. W. Blackburn.

Sibley St., frame dwell.; cost, $5,000; owner, Frank Hart, architects, Coburn & Barnum; builders, Cass & Co.

Cedar Ave., double frame dwell.; cost, $7,000; owner, Wm. Goodwin; architects, Coburn & Barnum; builder, Mr. Young.

Franklin St., church; cost, $30,000; owner, First Congregational Church; architects, Coburn & Barnum; builders, Co-Operative Building Co.

Marquett St., brick wire mill; cost, $27,000; owners, Otis & Co.; architect, F. C. Bate; builder, Jno. T. Watterson.

Kennard St., frame dwell; cost, $3,000; owner, Chas. S. Paddock; architect, F. C. Bate, builder, Jno. Foote.

Broadway, frame store and dwell.; cost, $3,500; owner, Jno. Sheehan; architect, F. C. Bate.

Scott St., frame dwell.; cost, $2,000; owner, G. C. Barnes; architect, F. C. Bate.

Frankfort St., brick building; cost, $5,000; owner, Jno. S. Vincent; architect, Walter Blythe.

Seneca St., brick building; cost, $60,000, owner, Jos. Perkins; architect, J. H. Edleman; F. H. Norton, Supt.

Prospect St., frame residence; cost, $20,000; owner, J. H. Ely; architect, Wm. Dunn; builder; Mr. Cass.

1882 — ld works; cost, $12,000; owners, Hayes ct, F. C. Bate; builder, Jno. T. Wat-

OCTOBER

Entered at the Post-Office at Bost

CONTE

SUMMARY:—
The Albany Capitol Investigati
of Architects Fellowship Ques
for Boston Bartholdi's Statue
of the Steam-Heating Compa
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Electric-Light Wires. — The
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Changes in the Nature of Pa
Effects. . . . . .
THE SIPHONAGE OF TRAPS. . .
GIRDERS, — II. . . . . .
THE ILLUSTRATIONS:—
Iron Grille for the Mills Build
of Houses at Chicago, Ill.
Sketch for a Country House
RECENT BUILDING IN BALTIMORE
THE DRAUGHT OF CHIMNEYS. .
THE REPORT ON THE ALBANY CA
MONTHLY CHRONICLE. . . . .
COMMUNICATIONS:—
Calculating Girders. . . .
NOTES AND CLIPPINGS. . . . .

THE Commission of Experts
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Oct 14, 1882

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BUILDING PATENTS.

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265,231. Means for Operating Doors of Elevator-Shafts. — Frederick H. Abeel, Englewood, N. J.

265,236. Wrench. — Thaddeus W. Boyle, Augusta, Ga.

265,238. Endless Package-Elevator. — George W. Brown, New York, N. Y.

265,239. Automatic Air-Cock for Steam-Heat Radiators. — Gilman W. Brown, West Newbury, Mass.

265,253. Paint-Burner. — John A. Felt, Kent, Ohio.

265,256. System of Producing and Controlling Currents of Air for Cooling, Warming, Ventilating, etc., — John Gamgee, London, England.

265,263. Fire-Escape Ladder. — Timothy Howe, Foxborough, Mass.

265,275. Transom-Adjustor. — James T. Olinger, Stelvideo, Ohio.

265,277. Tile for Wells and Cisterns. — George W. Overall, Memphis, Tenn.

265,279. Steam Radiator. — John B. Pierce and Joseph Bond, Buffalo, N. Y.

265,287. Centering Try-Square. — Walter H. Sleeper, Athol, Mass.

265,301. Skeleton Structure.—Edward C. Bates, Boston, Mass.

265,306. Water, Gas, Sewer, or Drain Pipe. — John P. Culver, Tucson, Ariz.

265,308. Shutter-Worker. — Léon O. Dion, Natick, Mass.

265,310. Flood-Valve for Drains. — Frederick M. Dyer, Camden Town, County of Middlesex, England.

265,319-320. Implements for Cleaning Water-Closet Bowls. — Louis O. Howell, Philadelphia, Pa.

265,322. Arched Girder. — Peter H. Jackson, San Francisco, Cal.

265,327. Ventilator. — Peter H. Jackson, San Francisco, Cal.

265,350. Square and Bevel Instrument. — Charles D. Walters, Harrisburg, Pa.

265,372. Trap for Waste-Pipes. — Nicholas Barry, Jr., Muscatine Ia.

265,383. Carpenter's Square. — Willie H. Callihan, Galveston, Texas.

265,384. Hoisting-Machine. — Tyre J. Chaffin, Crystal Springs, Ga.

265,386. Chimney. — Otis B. Colcord, Greenville, Ill.

265,389. Paint. — Jacob B. Cornell, Jacob B. Zook, and Byron N. Cornell, Goshen, Ind.

265,445. Wrench. — Peter Rotermund, Eureka, Cal.

265,448. Safety Attachment for Elevators. — William E. Sawyer, New York, N. Y.

265,474. Locking-Latch. — George Voll, Cincinnati, Ohio.

265,481. Wash-Stand. — Nathan O. Bond, Fairfax Court-House, Va.

265,501-515. Composition for Treating Sulphates of Lime for the Manufacture of Artificial Marble. — Raphael Josia, Florence, Italy.

265,531. Fire-Escape Ladder. — Thomas Miller, Jersey City, N. J.

265,551. Fire-Escape Balcony. — John B. Wickersham, Philadelphia, Pa.

SUMMARY OF THE WEEK.

Baltimore.

Building Permits. — Since our last report thirty-eight permits have been granted, the more important of which are the following: —

Rudolph Nordman, three-st'y brick building in rear of No. 49 Block St.

Frederick Berger, 9 three-st'y brick buildings, Chester St., commencing s w cor. Hampstead St.

4 two-st'y brick buildings, Hampstead St., s w cor. of Chester St.

T. A. Joynes, three-st'y brick building, Franklin St. w Arlington Ave.

H. A. Hayden, two-st'y brick building, Arlington Ave., s of Edmondson Ave.

Peter McMahon, two-st'y brick stable, in rear of s w William St., bet. West and Ostend St.

J. J. Pentz, 4 two-st'y brick buildings, w s Wall St., n of Ostend St.

Henry Stockbridge, two-st'y brick carriage-house, in rear of E. S. Calhoun St., cor Raborg St.

Buck & Jackson, 10 three-st'y brick buildings, Linden Ave., bet. Preston St. and Camel Alley.

Henry Smith, 12 three-st'y brick buildings, Fairmount Ave., bet. Chester St. and Castle Alley.

George Hipkins, two-st'y brick stable, in rear of No. 113 West St., bet. Elizabeth Lane and James Alley.

Daniel Ahern, three-st'y brick warehouse, in rear of No. 118 Chester St., bet. Bank St. and Eastern Ave.

Blind Asylum, two-st'y brick building, Saratoga St., bet. Pine and Arch Sts.

John Ziegenheim, two-st'y brick building, and two-st'y brick stable in rear, n w cor. Hudson and Potomac Sts.

Henry Von Helne, three-st'y brick building, and two-st'y brick stable in rear, s s Columbia Ave, w of Parker St.

G. W. Staffer, two-st'y brick building, n w cor. St. Peter's St., and Dawson Alley.

United Brethern in Christ, 2 two-st'y brick buildings, n s St. Peter's St., and two-st'y brick building, w s Dawson Alley, in rear.

Dr. Owens, three-st'y brick building, in rear of No. 103 Fayette St.

Boston.

Building Permits. — *Brick.* — *West Seventh St., Nos. 124 and 126, and Tudor St., Nos. 115 to 119*, Ward 15, for Robert Bishop, two-st'y storage building, 48' x 84' x 105' x 109'.

N St., No. 112, Ward 14, for Henry B. Stratton, three-st'y dwell., 21' x 50'; Henry B. Stratton, builder.

Hampshire St., No. 61, rear of, Ward 19, for Thos. Jackson, two-st'y manufactory, 26' x 35'; Jas. Jackson, builder.

Clarendon St., near St. James Ave., Ward 11, for Frank E. Winslow, skating rink, 100' x 200'.

Portland St., Nos. 57 and 59, Ward 7, for Ellen J. Dooley, five-st'y mansard store and dwell., 17' 9" x 21' 3" x 47' 9"; Lanning & Drisco, builders.

Wood. — Olney St., cor. Bowdoin St., rear of, Ward 24, for Patrick and Michael Norton, greenhouse, 15' x 150'.

Garden St., near Linden St., Ward 25, for Royal Winter, 2 two-st'y dwells., 22' 6" x 45'; Herbert M. Perry, builder.

Medford St., Nos. 47 to 61, rear of, Ward 3, for Hallowell Granite Co., stone drilling, 26' x 45'; J. B. Wilson, builder.

Princeton St., No. 341, rear of, for Coleman O. Melia, two-st'y dwell., 17' x 27'; James H. Coffin, builder.

Terrace Ave., rear of, near Sheridan Ave., Ward 23, for Andrew Cassidy, stable, 17' x 20'; Andrew Cassidy, builder.

Ashley Ave., near Breed St., Ward 1, for D. Arey & Atwood, stable, 30' x 30'; G. H. Griffin, builder.

Elm St., near Saratoga St., "Orient Heights," for J. F. Slattery, stable, 18' x 22'; J. F. Slattery, builder.

Florence St., near Ashland St., Ward 23, for Geo. Jepson, two-st'y dwell., 20' x 25' 6" x 30'; E. A. Carter, builder.

Tremont St., Nos. 17 and 19, Ward 3, for Charles Robinson, Jr., 2 three-st'y dwells., 21' 6" x 32', ell, 11' 6" x 32'; Geo. M. Starbird, builder.

Condon St., Nos. 6 and 8, Ward 2, for Wm. Waters, Jr., 2 two-st'y mansard dwells., 18' 6" x 38'.

Norfolk St., near Corbet St., and N. Y. & N. E. R. R. Ward 24, for Samuel N. Ufford, two-st'y dwell., 19' 6" x 33' 6" x 28'; Duncan McKenzie, builder.

Brooklyn.

Building Permits. — *Sixth St.*, s s, 100' w Third Ave., two-st'y frame factory; cost, $4,700; owners, D. Allen's Sons, 166 Front St., New York; architect and builder, D. E. Harris.

Meserole St., No. 241, n s, 325' e Morrill St., three-st'y frame tenement; cost, $3,000; owner, Val Becker, 669 Willoughby Ave.; architect, Th. Engelhardt; builders, Geo. Lehrian, and Jenkins & Gillies.

Jefferson St., No. 126, s s, 240' e Evergreen Ave., 2 two-st'y frame dwells.; cost, each, $2,500; owner and builder, Chas. Treshman, Bushwick Ave., cor. Bremen St.; architect, Th. Engelhardt.

President St., No. 810, s s, 275' 4" e Seventh Ave., four-st'y brick dwell.; cost, $8,500; owner, Sarah W. Burckett, 812 President Street; architect and builder, C. F. Burckett.

Bridge St, n e cor. Plymouth St., four-st'y brick factory; cost, $16,000; owner, P. Cassidy, 1119 Madison Ave., New York; architect, M. J. Morrill; builder, Geo. Phillips.

Heyward St., w s 50' e Harrison Ave., one-st'y brick shed and bake oven; cost, $3,000; owner, John H. Shults, on premises; architect, E. F. Gaylor; builders, W. & T. Lamb, Jr., and G. & A. Langer.

York St., n s, 60' e Washington St., 45' x 90', six-st'y brick factory; cost, $25,000; owners, Ketchen & McDougal, 4 Liberty Pl., New York; architect, Mercein Thomas; builders, J. Ashfield & Son, and Morris & Selover.

Halsey St., n s, 100' w Howard Ave., 12 two-st'y frame dwells.; cost, each, $2,000; owner and architect, G. R. Waldron, 1906 Atlantic Ave.; builder, E. Sutterlin.

Manhattan Ave., Nos. 69 and 71, w s, being north of Van Cott Ave., 2 three-st'y frame stores and dwells.; cost, each, about, $2,500; owners and builders, E. & A. Walsh, 268 Oakland Ave.; architect, F. Weber.

Cincinnati.

Building Permits.—Fred Buerning, three-st'y brick building, Wade St., near Dalton Ave.; cost, $3,000.

F. Mooreman, six-st'y brick factory, Front St., near Carr St.; cost, $10,000.

Harancourt Brewing Co., two-st'y brick building, Harrison Ave., near Railroad; cost, $5,000.

John J. Albeit, two-st'y brick building, n w cor. Market St. and Bellevue Ave.; cost, $6,300.

Chas. Farnum, two-st'y frame dwell., Blue Rock St., near Lakeman St.; cost, $2,000.

Wm. Wageman, two-st'y brick dwell., Church St., near Gilbert Ave.; cost, $8,000.

Hide and Oak Leather Co., three-st'y frame building, Providence St., near Findly St.; cost, $4,000.

Seven permits for repairs, cost, $4,600.

Total permits to date, 589.

Total cost to date, $1,716,200.

Chicago.

Apartment Building. — Levi W. Yaggy has commenced another apartment-house, corner of Dearborn Ave. and Erie St., from plans by L. G. Halberg. It will be six stories, and will cost $125,000.

Houses. — The same architect has in hand plans for residence for J. A. Bell, on Drexel Boulevard, to cost $10,000, and for G. H. Brooks, a residence of Columbia stone, on Division St.

C. P. Kimball is building a house on Ontario St., near Cass St., three stories and basement, pressed brick with white sandstone finish, from designs by W. W. Boyington.

Marvin Hughitt is about to build a house for his daughter, on Indiana Ave., two-st'y and mansard, 25' x 72', of pressed brick. Plans by W. W. Boyington.

Building Permits. — C. H. Williams, two-st'y brick flats, 44' x 46', 345 and 347 South Oakley St.; cost, $6,000.

J. Roeder, two-st'y and basement brick flats, 21' x 56', 390 Webster Ave.; cost, $4,500.

C. Adborg, three-st'y and basement brick flats, 22' x 48', 218 Townsend St.; cost, $6,000.

W. Wilson, two-st'y and basement brick dwell., 23' x 50', 469 West Harrison St.; cost, $5,000.

M. Peters, four-st'y and basement brick factory, 25' x 100', 229 Fulton St.; cost, $10,000.

C. E. Ward, three-st'y brick dwell., 20' x 60', 204 West Lake St.; cost, $8,000.

R. Mosenbacher, two-st'y and attic brick dwell., 20' x 41', 541 North Market St.; cost, $2,500.

W. C. Craig, two-st'y and cellar brick dwell., 42' x 44', Halsted St., near Fullerton Ave.; cost, $8,000.

C. H. McCormick, two-st'y and attic brick dwell., 42' x 44', Belden & Sheffield Aves.; cost, $8,000.

George Schmidt, two-st'y and basement brick dwell., 52' x 66', cor. Goethe and State Sts.; cost, $4,500.

New York.

Alteration. — H. Edwards-Ficken is making extensive interior alterations, and decorating the house of Rev. Roderick Terry, cor. Madison Ave. and Thirty-third St.

Cotton Exchange. — The Building Committee of the Cotton Exchange have selected the site for the new Exchange, and will commence building as soon as they can get possession of the land.

Theatre. — It is reported that a new theatre is to be built on Twenty-first St., near Fifth Ave., by Mr. Ed. S. Stokes, who has lately purchased property in that location.

Building Materials continue to be held at fairly uniform prices. Dealers being kept busy in supplying orders.

Building Permits. — *Franklin St., Nos. 144, 146, 148, and 150*, 2 seven-st'y brick and stone storehouses; cost, total, $50,000; owners, George P. Slade et al., 110 Leonard St.; J. M. Slade, architect; Wm. G. Slade, builder.

Jones St., No. 17, three-st'y brick stable; cost, $5,500; Williard C. Hunter, owner, 20 Jones St.; C. E. Hadden, architect; mason, John Demorest; carpenter, not selected.

Eighteenth St., Nos. 12 and 14 w, nine-st'y brick and stone apartment house; cost, $120,000; owners, Building Association, No. 12 West Eighteenth St., No. 4 Stone St.; architect, A. Hatfield; builder, Hugh Getty.

Twenty-fifth St., Nos. 8, 10, 12, and 14, w, eight-st'y hotel; cost, $200,000; owner, M. L. Livingstone, 10 East Forty-eighth St.; architect, J. B. Snook; builders, R. L. Darragh & Co.; iron work, Lindsey, Graff & Megquier.

Forty-third St., Nos. 42 and 44 w, one-st'y brick car-house; cost, $4,000; owners, Sixth Ave. Railroad Co., Sixth Ave., and Forty-third St.; builder, N. L. Crow.

Forty-sixth St., Nos. 619 and 621 w, 2 five-st'y brick tenements; cost, each, $13,000; owner, Peter Golden, 324 East Fortieth St.; architects, Cleverden & Putzel.

Fifty-seventh St., n s, 100' e Ninth Ave., seven-st'y and attic brick and stone apartment house; cost, $180,000; owners and builders, Terence Farley & Son, 165 East Sixty-first St.; architects, Thom & Wilson.

Fifth Ave., s w cor. Fifty-fourth St., 2 four-st'y brick and stone dwells.; cost, $175,000 and $150,000; owner, Wm. H. Vanderbilt, 640 Fifth Ave.; architect, J. B. Snook; builders, Robert L. Darragh & Co.; brownstone work, Jas. S. Sinclair & Co.; iron work, A. J. Campbell.

First Ave., e s, from Seventy-ninth to Eightieth Sts., 8 four-st'y brownstone stores and tenements; cost, each, $13,000, owner, Michael Duffy, 256 East One Hundred and Second St.; architect, A. Spence.

Seventy-ninth St., n s, Eightieth st., s s, 75' e First Ave., 2 four-st'y brownstone tenements; cost, each, $12,500; owner and architect, same as last.

Ninety-second St., s s, 225' w Third Ave., five-st'y brownstone front flat; cost, $18,000; owner and mason, Morris R. Williams, 602 East Fifteenth St.; architects, Thom & Wilson.

Ninety-second St., s s, 255' w Third Ave., five-st'y brownstone front flat; cost, $30,000; owner and architects, same as last.

Ninth Ave, n w cor. Seventy-first St., 7 four-st'y brownstone dwells.; cost, each, about $15,000; owners, John Noble and Elbert Post, 1238 Third Ave.; architect, F. T. Camp.

Eleventh Ave., s w cor. Sixty-ninth St., five-st'y brick tenement; cost, $18,000; owner, Conrad Michaels, s e cor. Ninth Ave., and Sixty-seventh St.; architects, Thom & Wilson.

Third Ave., e s, 99' 11" n One Hundred and Twenty-sixth St., five-st'y brick store and tenement; cost, $20,000; owner, Richard Connor, 313 East One Hundred and Twenty-sixth St.; architect, G. Robinson, Jr.

Seventh Ave., n w cor. One Hundred and Twenty-Seventh St., five-st'y brownstone store and tenement; cost, $30,000; owner, Samuel H. Bailey, 186 East One Hundred and Fourth St.; architect, F. T. Camp.

One Hundred and Twenty-sixth St., s s, 233' w Third Ave., five-st'y brick tenement; cost, $15,000; owner and architect, same as last.

Philadelphia.

House. — Leiper St., (Frankford), residence for Wm. Rowland, Esq., three-st'y, 50' x 70'; cost, $10,000; Harzlehurst & Huckel, architects.

Material Market has been without fluctuations of any note for some weeks past, remaining at about present quotations.

Churches. — The ... bout to build a chap-
el on Po... rty-seventh St.; size,
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natural ... brownstone trim-
mings; s ... & Huckel, archi-
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SUMMARY: —
The Texas State Capito
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Germany. — French G
Question between Arc
for September. . . .
PAPERS ON PERSPECTIVE. —
GIRDERS. — III. . . . .
ARCHITECTURAL FRENZY IN
LIGHTNING CONDUCTORS. .
THE ILLUSTRATIONS: —
Perspective Diagrams. —
ouse, N. Y. . . . .
THE TENACITY OF INDIAN
A FOOLISH SPECIMEN OF C
THE ARC DE TRIOMPHE, P
SIXTEENTH ANNUAL CONVE
COMMUNICATIONS: —
The Texas State Capita
NOTES AND CLIPPINGS. . .

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The New York Board
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his recommendation, adopted the plan
architect of the State Capitol of

t premium seventeen hundred dollars,
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the architect, and are as complete and
quired or desired for such a building.
specification and a sketch of the ex-
correct idea of the proposed work.
shington, the building will be one of
ublic building in the country.
yours, S. E. LORING.

ATLANTA, GA., October 4, 1882.

MERICAN ARCHITECT:—
ee "Professor (?) Moser of Atlanta"
dviser in connection with the Texas
r or so ago. I had nothing whatever
ither as adviser or competitor. If I
was the expert adviser on that occa-
neetfully, JOHN MOSER.

AND CLIPPINGS.

AINT. — Supt. Kimball of the life-saving
luminous paint upon the tally boards
contain instructions to wrecked vessels
ving crews on shore. The tally boards
is fired across the wrecked vessel's rig-
periments are successful all of the boards
paint, which can be used as well at night

he fo. ng story is told of President
nt in it: Jefferson was a great man, but
me things. When he was in France he
utility of windmills. He thought they
d cost so little to run. He owned a large
ain much higher than Monticello, about
France a windmill and the machinery for
000, and had it taken to the top of the
bor a bluff old fellow named Cole. One
Jefferson took him up to where he was
as much as they could do to climb the
vered the breath he had lost getting up
Jefferson, you have a splendid saw-mill,
catch the wind, but how are you going
r from?" The author of the "Declara-
d like a man suddenly awakened from a
said, "Hey, Cole, how? What?" And
n, led the way down the mountain toward
as never completed, and years after the
on. — *Timber Trades Journal.*

owing admonitions, taken from *Whip and
ects*, both as lovers of horses and as the
omes: 1. Let your stable be well drained
vapors from a damp, putrid floor, and the
s to light, will almost to a certainty cause
the stalls be quite flat and level. Stand-
ainful, and causes lameness by straining
It also produces grease and sore heels.
st six feet wide and nine feet long. This
round without bruising himself, and to lie
comfort. 4. Let the stalls be separated
hey prevent the horses from fighting and
proper openings be made just under the
air to escape, and proper openings at the
fresh air. Impure and confined air will
fresh air should enter through a number of
ge hole, such as an open window. That
use chills and coughs. 7. The tempera-
hat of a sitting-room or parlor; not over
or under forty-five degrees in winter. Hot,
g on glanders or inflammation, while a very
an incurable cough, or disease of the lung.
the manger. The steam and breath of the
ant and unwholesome. If the hay must be
ng between should be of plaster. This will
ors from passing up to the food. 9. Have no
n the hay-loft. Dust is very often thrown
d in this way, and thus blindness is begun.
to the food through the opening, which at
tinual draught down on the horse's head,
s bad

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

265,581. STONE-LATHE. — Ethan R. Cheney, Chelsea, Mass.

265,601. APPARATUS FOR STEAM-HEATING. — William E. Uaxtun, Kewanee, Ill.

265,629. WATER-ELEVATOR. — John Patton, San Francisco, Cal.

265,630. APPARATUS FOR RAISING WATER THROUGH SIPHON-PIPES. — John Patten, San Francisco, Cal.

265,633. AUTOMATIC REGULATOR FOR FURNACES. — Wm. E. Puffer, Brooklyn, N. Y.

265,636. VENTILATOR. — Rufus S. Read, Philadelphia, Pa.

265,647. PROSCENIUM-OPENING FOR THEATRES. — De Witt C. Waugh, Cincinnati, O.

265,653. STATIONARY WASH-BOWLS. — William Blackwood, Jr., Detroit, Mich.

265,675-676. FIRE-EXTINGUISHER. — Isidor Kitsee, Cincinnati, O.

265,678. FIRE-ESCAPE. — Gustav Kosmak, New York, N. Y.

265,697. STEAM-HEATING APPARATUS. — Eugene F. Osborne, St. Paul, Minn.

265,709. WATER-CLOSET TANK OR CISTERN. — Samuel F. Sniffen, New York, N. Y.

265,712. SCREW-DRIVER. — James Swan, Seymour, Conn.

265,716. DRAIN-TILE. — James Taylor, New Lexington, O.

265,744. PANTOGRAPH. — John G. Braastad, St. Paul, Minn.

265,772. SHUTTER-WORKER. — Russell G. Dudley, Jersey City, N. J.

265,802. COMBINED HEATER AND VENTILATOR. — Mathias Heckel, St. Louis, Mo.

265,814. VENTILATOR OR CHIMNEY-CAP. — John H. Irwin, Morton, Pa.

265,827. AUTOMATIC FIRE-EXTINGUISHER. — John and William Kane, Philadelphia, Pa.

265,834. FIREPLACE FRAME. — John J. Lebeau and Charles L. Shannon, Cincinnati, O.

265,877. FIRE ESCAPE. — Charles E. Seabury, Stony Brook, N. Y.

265,881. FIRE-ESCAPE. — George W. Smith, Harlansburg, Pa.

265,888. SASH-CORD GUIDE. — Alexander B. Tadlock, Knoxville, Tenn.

265,919-921. PNEUMATIC DOOR CHECK AND CLOSER. — Gilbert R. Elliott, Boston, Mass.

265,924-925. CATCH FOR LATCH-BOLTS. — Martin M. Henry, Ladoga, Ind.

SUMMARY OF THE WEEK.

Baltimore.

CHURCH. — All Saints' Episcopal, s e cor. Monroe and Baltimore Sts., stone, style Gothic, seating capacity, 400; cost, $16,000; C. E. Cassell, architect.

BUILDING PERMITS. — Since our last report twenty-six permits have been granted, the more important of which are the following: —

David F. Seltzer, three-st'y brick building, Chester St., between Baltimore and Hampstead Sts.

Thomas Findley, two-st'y brick stable, in rear of s w cor. Townsend St. and Vincent Alley.

J. M. Getz, two-st'y brick stable, in rear of 133 Valley St., between John and Biddle Sts.

Wm. or Sarah Davier, 2 three-st'y brick buildings, n e cor. Fayette and Bond Sts., and 4 three-st'y brick buildings, e s Bond St., in rear of above.

S. R. Robinson, three-st'y brick building, w s Gilmor St., n of Edmondson Ave.

John Holland, two-st'y brick stable, in rear of 182 and 184 East St., between Hillen and Front Sts.

E. J. McMullen, 3 three-st'y brick buildings, s w cor. Sewell St. and Argyle Ave.

E. J. McMullen, 2 three-st'y brick buildings, s e cor. Sewell St. and Argyle Ave.

Boston Fear, 5 three-st'y brick buildings, Lorman St., between Fulton Ave. and Bruce Alley.

Boston Fear and Alex Horner, 8 three-st'y brick buildings, w s Mount St., s of Presstman St.

Albert J. Renft, three-st'y brick building, 16' x 25'. Lemon St., between Scott and Bartlett Sts.

Wm. C. Hoover, two-st'y brick building, s w cor. Monument and Cannon Sts.

L. Turnbull, 5 two-st'y brick buildings, Rutter Alley, between Townsend and Lanvale Sts.

Chas. Reinmertz, two-st'y brick building, Hamburg St., between Lexdenhall and Bevan Sts.

Brooklyn.

BUILDING PERMITS. — *Pulaski St.*, n s, about 250' e Lewis Ave., one-st'y brick engine-house; cost, $3,000; owner, H. Scharmann, Pulaski St.; architect, Chas. Stoll.

Cumberland St., No. 385, e s, three-st'y brick apartment house; cost, $13,500; owner, Mrs. Sarah King, on premises; architect, M. Thomas; builders, Wright & Brock.

Bushwick Ave., No. 279, s s, 50' w Boerum St., three-st'y frame tenement; cost, $4,900; owner, Louise Cronenweth, 194 Boerum St.; architect, F. Sauter; builders, Wm. Bayer & M. Metzen.

Vernon Ave., n s, 200' w Thompkins Ave., 5 two-st'y brick dwells.; cost, each, $4,200; owner and builder, J. Cregier, 709 Greene Ave.

Greene Ave., n s, 125' w Marcy Ave., two-and-one-half-st'y brownstone dwell.; cost; $3,200; owner, Mrs. M. Boone, Willoughby Ave., near Broadway; builder, Geo. F. Chapman.

Henry St., n w cor. Luquer St., 3 two-st'y brick dwells.; total cost, $7,000; owner, Robert Topping, 369 Franklin Ave.; builders, Cardwell & Hawkins.

Lexington Ave., n s, 70' e Nostrand Ave., 2 four-st'y brownstone tenements; cost, each, $15,000; owner, W. J. Northridge, 56 Myrtle Ave.; architect and carpenter, R. Van Brunt; mason, P. Burns.

North Eighth St., n e cor. Sixth St., one-st'y brick factory; cost, $6,000; owners, Holliday & Sons, on premises; architect, E. F. Gaylor; mason, James Rodwell.

South Third St., s w cor. Eleventh St., two-st'y brick church; cost, $10,000; owners, Trustees Zion African M. E. Church; architect, Ernest Dennis; builders, James Rodwell and C. L. Johnson.

South Third St., s w cor. Eleventh St., three-st'y brick church parsonage; cost, about $3,000; owner, etc., same as last.

Thompkins Ave., No. 491, e s, 22' n Decatur St., three-st'y brownstone store and dwell.; cost, $5,500; owner, J. D. Sullivan, 9 Decatur St.

Broadway, n s, 43' e Kosciusko St., three-st'y brick store and dwell.; cost, $5,200; owner, M. J. Hutchhausen, 469 Henry St.; architect, etc., G. H. Bohanna; mason, John Lambert.

Hart St., s s, 300' e Thompkins Ave., 3 two-and one-half-st'y brownstone dwells.; cost, each, $4,000; owner, etc., John K. Bulmer, 213 Adelphi St.

Pacific St., n s, 180' e Kingston Ave., two-st'y brick dwell.; cost, $5,000; owner, Frederick Hillerman, 629 De Kalb Ave., architect, J. W. Heustis; builders, Jas. Ashfield & Son, and Thos. Chaffers.

Hoyt St., w s, 65' n Carroll St., 2 three-st'y brick dwells.; cost, $5,000; owner and builder, Chester Bedell, 337 Smith St.; architect and carpenter, Theo. Pearson; mason, W. L. Rountree.

Fulton St., n w cor. Spencer Pl., 7 four-st'y brownstone tenements; cost, total, $65,000; owner, A. T. Lum, 118 East Eighty-ninth St., New York; architect, A. Hill.

Stuyvesant Ave., e s, 20' s Macon St., 4 two-st'y brownstone dwells.; cost, each, $2,500; owner, W. R. Wasson, 484 Macon St.; builders, C. Baur and Jno. Dhuy.

Eckford St., w s, 255' s Norman Ave., 2 three-st'y frame tenements, cost, $8,400; owner Philemon Walker, 132 Eckford St.; architect, F. Weber; builders, Pat. Newman and Thomas Kepple.

Utica Ave., extending from Pacific St. to Dean St., 13 three-st'y brick dwells.; cost, each, $3,000; owner, E. W. Perry, 198 Broadway, New York; architect, Amzi Hill; builders, W. S. Montgomery, and E. K. Hoffses.

Third Ave., n e cor. Tenth St., four st'y brick tenement; cost, $11,500; owner, W. Goehler, 971 Bergen St.; architects, etc., Gihrson & Liebbrand; masons, P. Kelly & Son.

Atlantic Ave., n s, 90' e Clinton St., four-st'y brick and brownstone flat; cost, $14,000; owner, J. J. Kiernan, First Pl.; architect, A. Pauli; builders, F. Kelley and M. H. Murphy.

Flatbush Ave., s w cor. Livington St., five-st'y brick store and tenement; cost, $10,000; owner, J. E. Colyer, 42 Flatbush Ave.; architect, R. B. Eastman; builders, J. Thatcher & G. B. Colyer.

North Seventh St., s s, about 300' w Union Ave., one-st'y frame storage; cost, $7,000; owner, A. B. Ansbacher, 40 John St., New York; architect, Th. Engelhardt; builder, O. H. Doolittle.

Park Ave., w s, 200' e Thompkins Ave., 2 three-st'y brick tenements; cost, $3,000 each; owner and builder, Valentin Brunhhausen, cor. Agate and Manjer Sts.; architect, A. Herbert.

Bond St., w s, 189' n Wyckoff St., four-st'y brick tenement; cost, $8,800; owner and architect, G. F. Bolen, 162 Atlantic Ave.; builders, Hart & Boyd.

Seventeenth St., n s, 75' e Eighth Ave. 3 three-st'y brick tenements; cost, $5,000 each; owner, etc., Henry E. Wells, 619 Carlton Ave.

Floyd St., s s, 325' e Summer Ave., three-st'y frame tenement; cost, $4,000; owner, Caspar Goesmann, Ellery St., near Thompkins Ave.; builders, George Straub and John Rueger.

ALTERATIONS. — *Essex St., Nos.* 132 *and* 134, repair damage by fire, walls, etc.; cost, $3,000; owner, architect and builder, W. J. Gessner, 1722 Madison Ave.

Greene St., Nos. 42 *to* 50; cost, $6,000; owner, Daniel S. Appleton, 3 University Pl.; architect, William E. Worthen.

Boston.

BUILDING PERMITS. — *Brick.* — *Commonwealth Ave., Nos.* 334 *and* 336, for Vinal & Dodge, 2 two-st'y and mansard dwells., 24' x 54'; Vinal & Dodge, builders.

Commonwealth Ave., Nos. 320-326, Ward 11, for Geo. Wheatland, Jr., 3 two-st'y and mansard dwells., 24' x 54'; Vinal & Dodge, builders.

Newbury St., No. 253, Ward 11, for Prescott C. Hall, three-st'y mansard dwell., 24' x 54'; Silas W. Merrill & Son, builders.

Newbury St., Nos. 255-257, Ward 11, for Herbert Nash, trustee, 2 three-st'y and mansard dwells., 24' x 54'; S. W. Merrill & Son, builders.

Farnham St., near Gerard St., Ward 20, for O. H. Drisko & Co., two-st'y engine-house, 20' x 50'; O. H. Drisko & Co., builders.

Beacon St., No. 444, Ward 11, for T. Dennie Boardman, four-st'y dwell., 25' x 44'; ell, 20' x 32'.

Beacon St., No. 451, for Clarence A. Dow, three-st'y and Mansard dwell., 20' 6" x 51' 6"; Weston & Shepard, builders.

Wood. — *Brooks St.*, near Falcon St., Ward 1, for Joseph W. Ordway, dwell. and store, 22' x 28'; Hamilton & Park, builders.

Edgewood St., near Southwood St., Ward 21, for Geo. H. Smith, two-st'y stable, 30' x 60'; A. D. Gould, builder.

Elm St., No. 51, Ward 3, for F. S. Atkins, two-st'y dwell., 20' 7" x 34'.

Longwood Ave., No. 120, rear of, for F. Krim, two-st'y stable and wagon-shed, 16' x 46'; Jacob Luippold, builder.

West Sixth St., No. 92, Ward 13, for Michael Gillin, three-st'y dwell., 22' x 40'; Patrick F. Hanlon, builder.

Medford St., nearly opposite North Mead St., Ward 4, for H. Wood, Son & Co., storage and manufacturing, 23' x 46'; Ira Hammond, builder.

Milton Ave., near Prospect St., Ward 20, for Alexander McKay, two-st'y dwell., 20' and 26' x 27' 2"; Alexander McKay, builder.

Vernon St., No. 125, Ward 19, for Geo. Leuth, dwell., 22' x 27'; James Jackson, builder.

Adams St., near Butler St., Ward 24, for James Pope, 2 two-st'y dwells., 27' 9" and 29' x 30'; ell, 16' x 24'; James Pope, builder.

Melville Ave., cor. Allston St., Ward 24, for Arthur H. Vinal, two-st'y dwell., 33' x 43' 6"; Arthur H. Vinal, builder.

Lester Pl., near Centre St., Ward 26, for Cyrus W. Cole, 2 two-st'y dwells., 18' 2" x 30'.

Evans St., near Dover St., Ward 24, for Walter M. Donnelly, two-st'y mansard dwell., 22' x 30'; Walter W. Donnelly, builder.

Gurney St., near Parker St., Ward 22, for Samuel Rantin, two-st'y carpenter-shop, 30' x 40'; Samuel Rantin, builder.

Chicago.

BUILDING PERMITS. — Clara B. Hansbrough, three-st'y and basement, brick dwell., 18' x 88', 3027 Michigan Ave.; cost, $9,000.

Wm. Westlake, 5 two-st'y and cellar brick dwells., 44' x 100', 3704 to 3712 Forest Ave.; cost, $20,000.

Scott & Gage, two-st'y and basement brick dwell., 21' x 41', 439 Wentworth St., cost, $4,000.

H. M. Hooker, three-st'y brick flats, 62' x 72', 732 to 736 West Jackson St.; cost, $25,000.

C. Brown, two-st'y brick dwell., 22' x 50', Warren Ave., near Kedzie St.; cost, $2,500.

Dr. E. J. Ogden, one-st'y addition to 1636 Michigan Ave., 23' x 40'; cost, $2,500.

Talbott & Halberg, two-st'y and basement brick dwells., 45' x 74', 198 to 202 Goethe St.; cost, $20,000.

L. G. Halberg, architect; Lund & Gilbert, builders.

James Willard, two-st'y brick dwell., 21' x 46', 431 Kendall St.; cost, $3,500.

S. F. Wolff, four-st'y and basement stores and flats, 50' x 100', corner Goethe and Sedgwick Sts., cost, $25,000.

John Dieden, three-st'y and cellar flats, 50' x 61', 364 and 366 Wells St.; cost, $15,000.

V. Kontuck, two-st'y and basement brick store and dwell., 23' x 76', 614 West Eighteenth St.; cost, $4,800.

Wilson, Straight, three-st'y and basement brick dwell., 48' x 83', 1432 and 1434 Michigan Ave.; cost, $30,000. Cass Chapman, architect.

Chr. Rhoder, two-st'y brick dwell., 22' x 46', 246 Vine St.; cost, $2,500.

William Wilson, three-st'y brick dwell., 20' x 58', 3843 Johnson St.; cost, $3,500.

Herman Hayes, three-st'y brick dwell., 21' x 37', 335 Dayton St.; cost, $3,200.

J. M. Allen, one-st'y cottage, 20' x 34', Wood St. and Webster Ave.; cost, $3,200.

George Sunderland, two-st'y and basement brick dwell., 23' x 80', Forest Ave., near Thirty-seventh St.; cost, $6,000.

Hannah Busby, five-st'y and basement office-building and stores, 58' x 76', 51 and 55 Dearborn St.; cost, $60,000; Palmer & Spinning, architects; Chas. Busby, contractor.

J. H. Wood, two-st'y and attic brick dwell., 20' x 65', 721 West Adams St.; cost, $9,000.

Thos. Jones and Wm. Grace, 6 three-st'y and basement brick dwells., 60' x 150', 98 to 108 Aberdeen St.; cost, $20,000.

F. S. Baird, 6 two-st'y and basement brick dwells., 40' x 120', 773 to 783 Walnut St.; cost, $15,000.

L. Wickersham, three-st'y and basement brick store and dwell., 24' x 100', 239 Larrabee St.; cost, $11,000.

W. Deyo, two-st'y and basement brick store and dwell., 25' x 66', 340 West Indiana St.; cost, $4,500.

M. D. McFadden, three-st'y and basement brick dwell., 42' x 50', 185 Rush St.; cost, $15,000; Cobb & Frost, architects.

M. Foote, 5 three-st'y and basement brick dwells., 33' x 100', 296 to 302 Illinois St.; cost, $20,000.

Mortimer, Tapper & Co., nine-st y and basement brick office-building, 44' x 78', 187 and 191 La Salle St.; cost, $100,000; Burnham & Root, architects.

W. W. Evans, two-st'y and basement brick dwell., 18' x 65', 562 West Washington St.; cost, $5,000.

H. Hoepe, two-st'y and basement brick dwell., 22' x 56', 730 Wood St.; cost, $4,000.

Cincinnati.

BRICK. — During the past week there has been a rise of $1 per thousand in the price of brick in this market. The price now is $8.50 delivered.

APARTMENT-HOUSES. — Hubert Heuck is building a building on Vine St., near Thirteenth St., for stores and flats, 30' on Vine St., 45' deep, four-st'y, pressed brick front; cost, about $15,000; Geo. W. Rapp, architect.

BUILDING PERMITS. — W. H. Harrison, 7 three-st'y brick dwells. and stores, n e cor. McMillan St. and Gilbert Ave.; cost, $25,000; Samuel Hannaford, architect.

Max A. Fox, two-st'y brick dwell., Chase St., near Dalton Ave.; cost, $2,500.

Herman Lackman, 5 three-st'y brick dwells., Lower River Road, near Railroad; cost, $15,000.

Seven permits for repairs; cost, $6,500.

New York.

STORES. — A store, 75' x 120', is to be built on Fifteenth St., on the lot now being cleared, adjoining Tiffany's. It is to be built of brick, with Ohio stone finish. The Van Buren estate are the owners.

Bids are being received for the store to be built on Fifth Ave., between Fifty-ninth and Sixtieth Sts., for Messrs. Park & Tilford.

HOUSE. — For Mrs. Robert M. Reynolds, a house, 18' x 54', is to be built, of brick, with brownstone finish, on the south side of Ninety-third St., 175' w of Eighth Ave., from designs of Messrs. D. & J. Jardine.

BUILDING PERMITS. — *Second St., No* 217, five-st'y brick store and tenement; cost, $9,000; owner, Henry Brossler, 718 Fifth St.; architect, F. W. Klemt; builder, P. Schmit.

Seventh Ave., w s, 29' 11" n One Hundred and

DRAINAGE CONSTRUC- lately called attention ...aterials used in drainage ...option of the modern system ...rmany. It is remarked that the ...truction of open water-courses ...l to drain-pipes, even when ma- ...ployed. This arises from the ...gh sewer-pipes, which contain, in ...ied form), a certain percentage of ...latter being found in greater abun- ...owns. Thus it is suggested that the ...astructing drains should be conducted ... properties of resistance to muriatic, ...me time ago Dr. Kämmerer, of Nurem- ...s of this description, with special refer- ...of that city. Pieces of the various sub- ...t for a certain length of time in a solution ...muriatic, and nitric acid, or ammonia, and ...urately observed. The results arrived at ...ruises an effect of such slight importance ...be disregarded. The destructive proper- ...ric acid were, however, fully demonstrated. ...brick the loss was from .02 to 23.50 per cent. ... of concrete and cement pipes varied from ...ized pottery-ware pipes withstood the influ- ...ence than any of the other kinds tested, their loss ...7 per cent. These tests, which were made in ...ne in various technical journals, and although ... of the pouring of the refuse water from ...sewers of Nuremberg (mostly built of cement- ...en regarded to any appreciable extent in the ... Cement-concrete and cement pipes do not, ...n the more important drainage operations in ...ntals. In connection with the destructive in- ...pon substances containing lime, silicate of ...rly carbonate of lime, it is remarked that me- ...n an injurious manner. When the lower part ...in such a way that a cavity is formed, solid ...in smaller drains a stoppage may after a time ... excavation and other labor bear such a heavy ...st of drainage operations, that a slight differ- ...e materials used does not seriously affect the ...ks of this description occasion such disturb- ...of such vital importance to the public health, ...ncke... t only such materials should be used ...ood ... vice without need of repair. Thus ...ndus... may lead to the most troublesome

Building World.

...OF SCHEMES. — A Rochester gentleman, said by ...liberal education and pleasant address," has de- ...ining as Keely's, Henkle's, or any of the other ...tors of the day. The idea of this gentleman is ...the whole world, so to speak, but more particu- ...s and ships of all kinds, railroad trains, facto- ...r inventors, he proposes to get his power very ...ing. His idea is to construct a turbine wheel, ...ter, with all the modern improvements. This ... placed in the great maelstrom off the coast of ...ables which shall span the oceans, and which, ...arts in motion, as it is of course sure to do in ...will furnish power for everybody. All the ex- ...s will be repairs to the wheel and the cables ...n time to time, "and," said the inventor to a ...t know that will amount to almost nothing." ...extraordinary enterprise wishes his name with- ...until he has his plans and drawings nearer per- ...ses that they shall be accessible to everybody ...poses to form a stock company to be known as ...wing Company, and will probably find no diffi- ...bers to pay the expenses of his puttering over

— Chicago Tribune.

Prince Bismarck's traditional three single hairs ...of his massive head have long been a favorite ...with the Berlin comic journals, but the Chan- ...ize this characteristic of his appearance depicted ...windows in Potsdam. The owner of these ...*American Register*, is a rich capitalist who has ...m a simple mason, with only one disaster in his ...only son in the Franco-Prussian War. He regards ...the author of the war, and therefore as his son's ...gets a somewhat singular method of revenging ...my. Over the grave of his son in the Potsdam ...ted a splendid mausoleum, surmounted by an owl ...e Bismarck, three hairs and all. On one of his ...head looks over the cornice of each window, with ...esented by small cannon. On another building, ...ree serpents take the place of the hairs; while a ...ering built, and the capitalist's neighbors are eager ...ing ornament will be bestowed on the Prince's

...pite.

... — Further ruins, believed to have been the foun- ... settlements, have been discovered in Greenland, ...st in latitude 69° 31'. A building was found forty ...road, in which were stones large enough to warrant ...can... ...lar ruins are reported by the natives at ...coas...

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

265,941. MANUFACTURE OF SAND-PAPER. — Chas. Baeder, Jenkintown, Pa.

265,951. FASTENER FOR MEETING-RAILS OF SASHES. — Jacob K. Foss, Reading, Mass.

265,954. SAFETY ATTACHMENT FOR ELEVATORS. — Dennis Frisbie, Philadelphia, Pa.

265,981. EAVES-TROUGH HANGER. — Charles L. Pierpont, Red Wing, Minn.

265,998. REAMER. — George R. Valentine, New Bedford, Mass.

266,010. BRICK FOR BUILDING ARCHES AND FURNACE ROOFS. — William G. Bell, Allegheny City, Pa.

266,015. SKYLIGHT AND VENTILATOR. — William Connolly, New York, N. Y.

266,033. KNOB AND ROSETTE ATTACHMENT. — Francis J. Harper, Norwich, Conn.

266,045. CLAW-HAMMER. — Henry D. Morris, San Francisco, Cal.

266,062. FIRE-ESCAPE. — Chas. F. Spencer, Rochester, N. Y.

266,075. LIGHTNING-ROD JOINT OR COUPLING. — Charles E. Ball, Philadelphia, Pa.

266,092. PRESERVATION OF WOOD. — Rudolph G. Bürstenbinder, Hamburg, Germany.

266,099. DRAWING-TABLE. — Edwin C. Cleaves, Cortland, N. Y.

266,107. ELECTRIC SAFETY DEVICE FOR ELEVATORS. — Robert M. Curtiss, Brooklyn, N. Y.

266,168. HYDRAULIC ELEVATOR. — Chas. G. Curtis and Schuyler S. Wheeler, New York, N. Y.

266,142. AUTOMATIC FIRE-EXTINGUISHER. — Ozro C. Heath, Providence, R. I.

266,156. MORTISING-MACHINE. — Levi Houston, Montgomery, Pa.

266,170. LOCKING-LATCH. — Jos. Loch, New York, N. Y.

266,183. FIRE-ESCAPE. — Elbridge J. Moore, New York, N. Y.

266,196. COMPOSITION FOR ROOFING. — David H. Priest, Everett, Mass.

266,208. TRAP AND OVERFLOW STOP FOR WASH-BASINS, ETC. — William D. Schuyler, New York, N. Y.

266,213. DOMESTIC GRATE OR FIREPLACE. — Chas. William Siemens, Westminster, County of Middlesex, England.

266,216. WATER-CLOSET CISTERN. — Samuel F. Sniffen, New York, N. Y.

266,252. BURGLAR-ALARM. — Marcellus Decker and James K. Deming, Chicago, Ill.

SUMMARY OF THE WEEK.

Baltimore.

BUILDING PERMITS. — Since our last report thirty-one permits have been granted, the more important of which are the following: —

Graswick & Horshman, 3 two-st'y brick buildings, s w cor. Alice-Anne and Durham Sts.

G. W. M. Crook, two-st'y brick stable, in rear of 287 Madison Ave., between Hoffman & Dolphin Sts.

John B. Biemuller, two-st'y brick stable, e s Burgundy Alley, between Stockholm and Ostend Sts.

Protestant Episcopal Church of the Atonement, brick and stone church, Chester St., between John and Biddle Sts.

Jenkins & Gilbert, two-st'y brick building, 25' x 50', s w cor. Ridgely and West Sts.

A. C. Meyers, 2 six-st'y and basement warehouses, 27' x 80' each, n s Lombard St., e of Sharp St.

Central Passenger Railway Co., two-st'y brick building, s e cor. Preston and Constitution Sts.

B. Hanrahan, 3 three-st'y brick buildings, e s Cary St., n of Lanvale St.

E. F. Baldwin, 4 three-st'y brick buildings, e s Cary St., between Lanvale and Townsend Sts.

Gotlieb Menken, two-st'y brick building, w s Haubert St., s of Nicholson St.

Anton Koerber, two-st'y brick building, w s Haubert St., s of Nicholson St.

A. R. Shipley, two-st'y brick building, cor. Gilmor and Calhoun Sts.

Thomas H. Paul, one-st'y brick machine-shop, 50' x 150', s s Ohio Ave., w of Byrd St., and one-st'y brick machine-shop, 40' x 130', in the rear.

All Saints' Church, chapel, in rear of s e cor. Monroe and Baltimore Sts.

Wm. Wurtzburger, 2 three-st'y brick buildings, w s Light St., n of Fort Ave.

Boston.

BUILDING PERMITS. — Owing to the removal of the offices of Inspector of Building from City-Hall to the old State-House, the building permits have not been written up for the past few days. The following two are the only ones of importance: —

Wood. — Murdock St., rear, near Sparhawk St., Ward 25, for Mrs. F. B. Sears, stable, 20' x 24'; S. M. Davenport, builder.

Walnut Park, rear, near Walnut Ave., Ward 21, for Wm. D. Cotton, stable, 40' x 50'.

Brooklyn.

BUILDING PERMITS. — *Eleventh St.*, s s, 125' e Fifth Ave., two-st'y brick dwell., tin roof; cost, $6,000; owner, W. A. Bliss, 292 Eighteenth St.; architect, R. B. Eastman; builders, John Shorrick and J. M. Jacobs.

Ellery St., Nos. 174, 176 *and* 178, s s, 44' w Delmonico Pl., 3 three-st'y frame tenements, tin roof; cost, total, $10,000; owner, Adam Schauf, Flushing Ave., cor. Whipple St.; architect, Th. Engelhardt; builders, Wolf & Hofgesang and Jno. Rueger.

Herkimer St., 250' w Ralph Ave., three-st'y frame dwell., tin roof; cost, $5,000; owner, Rev. Ignatius Zeller, 931 Herkimer St.; architect, J. Platte; builder, F. J. Berlenbach.

Saydam St., n s, 200' w Bushwick Ave., three-st'y frame dwell., tin roof, cost, $5,400; owner, Wm. Schildknecht, 33 Moore St.; architect, J. Platte; builders, W. Dafeldecker and C. Weiber.

Pierrepont St., No. 44, between Hicks and Henry Sts., four-st'y brick and stone dwell., slate and metal roof; cost, $20,000; owner, Franklin E. Taylor; architects, Parfitt Bros.

Concord St., s s, about 80' w Washington St., four-st'y brick home, tin roof; cost, $15,000; owners, Trustees Home for Friendless Women and Children; architects, Parfitt Bros.; builders, O. Nolan and Morris & Selover.

Hewes St., s s, 300' e Marcy Ave., 4 three-st'y brownstone dwells., tin roofs; cost, each, $7,000; owner, James Sheridan; architect, E. F. Gaylor.

Central Ave., e s, 50' s Myrtle St., 2 three-st'y frame tenements, tin roofs; cost, total, $8,000; owner, A. Sedlmeyer, Myrtle St., cor. Central Ave.; architect, Geo. Hillenbrand.

Linden St., n s, 200' e Broadway, 4 two-st'y brownstone dwells., tin roof; cost, each, $4,500; owner, S. M. Meeker, Bushwick Ave., cor. Linden St.; architect, E. F. Gaylor; builders, John McQuade and Jenkins & Gillies.

Elizabeth St., n s, 100' e Richards St., three-st'y brick factory, tin roof; cost, $3,500; owner, J. A. Knowles, 495 Clinton St.; architect, J. N. Stanley; builders, P. Carlin & Sons and C. M. White.

Dean St., No. 159, three-st'y brick hospital, slate and metal roof; cost, $8,000; owner, the Sheltering Arms Nursery Assoc.; architects, Parfitt Bros.; builder, T. W. Rollins.

Greene Ave., n e cor. Knickerbocker Ave., 5 two-st'y frame dwells., tin roof; cost, $7,000; owner and architect, James C. Bower; builders, Cardwell & Hawkins.

Vernon Ave., n s, 250' w Marcy Ave., 4 two-and-a-half-st'y frame dwells., tin roof; cost, each, $4,000; owner and architect, Thomas E. Greenland, 256 Kosciusko St.; architect, I. D. Reynolds.

Ninth St., s s, 177' 6" w Eighth Ave., 4 three-st'y brownstone dwells., tin roof; cost, each, $7,000; owner, architect and builder, E. L. Pierson, Ninth St., between Seventh and Eighth Aves.

McDonough St., n s, *and Macon St.*, s s, 125' w Reid Ave., 6 two-st'y brownstone dwells., tin or gravel roof; cost, each, $4,500; owner, Henry A. Foster, 155 East One Hundred and Third St., New York; architect, J. E. Styles.

Ninth St., s s, between Seventh and Eighth Aves., 12 three-st'y brick dwells., tin roof; cost, $8,000 each; owner, etc., E. L. Pierson, Ninth St., between Seventh and Eighth Aves.

Vanderbilt Ave., w s, near Park Ave., three-st'y brick dwell., tin roof; cost, $6,500; owner, Jacob Gouenes; carpenters, Long & Barnes.

Chicago.

BUILDING PERMITS. — H. C. Durand, six-st'y and basement brick warehouse, 50' x 81', Jackson St., near Market St.; cost, $20,000.

John Wegfroth, two-st'y and basement brick store and dwell., 24' x 56', No. 632 West Twelfth St.; cost, $2,800.

Mrs. H. O'Connell, two-st'y and basement brick dwell., 21' x 50', Loomis St., near Taylor St.; cost, $3,500.

W. Kosse, two-st'y and basement brick store and dwell., 22' x 55', 789 West Twelfth St.; cost, $4,000.

James Mount, two-st'y and basement brick dwell., 32' x 54', 767 West Van Buren St.; cost, $3,000.

A. Cummings, two-st'y brick dwell., 22' x 50', 213 McGregor St.; cost, $1,000.

J. D. McAuley, 4 two-st'y and basement brick dwells., 66' x 84', 3305 Calumet Ave.; cost, $20,000.

C. W. Munger, 2 three-st'y and basement brick stores and dwells., 50' x 85', 518 and 520 West Madison St.; cost, $12,000.

C. Goodman, two-st'y brick dwell., 22' x 50', 243 Ramsey St.; cost, $3,500.

Andres & Fitch, 2 two st'y brick flats, 47' x 65', 3022-3024 Indiana Ave.; cost, $11,000.

S. P. Parmly, 2 three-st'y and basement brick stores and flats, 50' x 63', 302 and 304 Douglass Ave.; cost, $20,000.

J. J. Luther, two-st'y and basement brick dwell., 20' x 57', 400 North State St.; cost, $3,000.

J. W. Hobson, two-st'y and basement brick dwell., 25' x 50', 402 North State St.; cost, $5,000.

A. B. Lawther, two-st'y and basement brick machine-shop, 50' x 75', 118-120 North Market St.; cost, $9,000.

Fred. O. Ernest, two-st'y and basement brick dwell., 22' x 40', 1028 North Halsted St.; cost, $4,000.

James P. Dwyer, three-st'y and basement brick dwell., 30' x 70', 150 Cass Ave.; cost, $12,000.

Burdett & Smith, three-st'y brick warehouse, 111' x 164', Johnson St., cor. Sixteenth St.; cost, $30,000.

E. E. Swiney, two-st'y and basement brick dwell., 24' x 48', McAllister St., near Loomis St.; cost, $5,000.

John W. Stewart, 4 three-st'y and basement brick stores and dwells., Cottage Grove Ave., cor. Prospect Pl.; cost, $20,000.

John Hoffman, three-st'y brick dwell., 28' x 70', 3637 Ellis Park; cost, $12,000.

Sophia Fahlbush, three-st'y brick store and dwell., 2950 South State St.; cost, $8,000.

Call & Johnson, 3 three-st'y and basement brick stores and dwells., 46' x 80', Nos. 1311 and 1313 State St.; cost, $14,000.

Henry Van Buren, two-st'y and basement brick dwell., 22' x 36', 1364 West Washington St.; cost, $1,000.

H. McHag, two-st'y brick dwell., 21' x 46', Roby St., near Polk St.; cost, $2,500.

Jacob Greenebaum, two-st'y brick store and dwell., 24' x 60', 619 West Madison St.; cost, $3,800.

John Borden, 2 four-st'y and basement brick stores, 80' x 105', 208 to 214 Randolph St.; cost, $50,000.

Bullock Manufacturing Co., two-st'y brick factory, 60' x 167', Tallman St., near Lake St.; cost, $20,000.

L. H. Evans and W. M. Adams, 2 three-st'y brick dwells., 37' x 44', 554 and 566 West Washington St.; cost, $10,000.

John Germok, two-st'y and basement brick store and dwell., 602 Throop St.; cost, $2,500.

Cincinnati.

STORES. — Mr. Nathaniel Ropes is to build on Main St., near Court St., a four-st'y pressed brick front to be used as stores on the ground floor and apartments above. The building is 45' x 100', and will cost about $35,000; Mr. James W. McLaughlin is the architect.

BUILDING PERMITS. — Michael M. McKiernan, 3 two-st'y buildings, Fulton Ave.; cost, $4,000.

Louis L. Dankel, two-st'y building, Hammond St., bet. Eden and Vine Sts.; cost, $3,000.

Repairs, $41,000.

New York.

BUILDING PERMITS. — *Baxter St., Nos.* 114 *and* 116, fronting on Canal St., at rear, six-st'y brick and brownstone warehouse, tin roof; cost, $39,000; owner, Martin Schrenkeisen, 809 East Seventeenth St.; architect, H. Fernbach; builders, Van Dolsen & Arnott.

Frankfort St., Nos. 32 *and* 34, six-st'y brick warehouse, tin roof; cost, $10,000; owner, M. Giblin, care of the architect, T. R. Jackson, 61 Broadway.

Grand St., No. 287, three-st'y brick store and tenement, tin roof; cost, $7,000; owners, Adolf and Emanuel Alexander, on premises; architect, J. Boekell.

Thirteenth Ave., from Bethune St. to Twelfth St., 4 five-st'y brick warehouses, gravel roof; cost, each, $31,000; owner, John T. Johnston, 8 Fifth Ave.; architect, Jas. Renwick; builder, Thomas Stone.

East Seventeenth St., No. 512, five-st'y brick tenement, tin roof; cost, $7,000; owner, Joseph M. Ohmeis, 114 East Seventh St.; architect, Wm. Graul.

East Seventeenth St., No. 514, five-st'y brick tenement, tin roof; cost, $9,000; owner and architect, same as last.

West Twenty-first St., No. 529, between Tenth and Eleventh Aves., three-st'y frame lumb-r-shed, tin roof; lessee, Chas. Hofferberth, on premises; builders, Fessler & Wolfart.

East Seventeenth St., Nos. 512 *and* 514, rear, one-st'y brick stable, gravel roof; cost, $3,000; owner, Joseph Ohmeis, 114 Seventh St.; architect, Wm. Graul.

East Thirty-fourth St., No. 415, four-st'y brick store and tenement, tin roof; cost, $12,000; owner, Ann H. Marshall, 413 East Thirty-fourth St.; architect, Andrew Spence; builder, Joseph Marshall.

Thirty-ninth St., s s, 65' e Twelfth Ave., one-st'y brick factory, gravel roof; cost, $4,500; owner, Jas. McClenahan, 531 West Thirty-ninth St.; architects, Thom & Wilson.

West Forty-fifth St., Nos. 423, 425, 427, 429 *and* 431, between Ninth and Tenth Aves., 5 five-st'y brick tenements, tin roof; cost, each, $11,000; owner, Margaret E. Niebuhr, 131 East One Hundred and Twelfth St.; architect, W. Scott West; builders, Niebuhr Bros.

Forty-eighth St., No. 431, between Ninth and Tenth Aves., four-st'y brick tenement; tin roof; cost, $11,000; owners, architects and carpenters, Findley & Gardner, 427 and 429 West Forty-eighth St.; mason, J. T. Stevenson.

Sixty-ninth St., n s, 100' e Third Ave., 5 four-st'y brick and brownstone flats, tin roof; cost, each, $20,000; owner, Andrew Kelly, 404 East Eighty-second St.; architect, G. A. Schellenger.

Ave. A, w s, from Seventy-ninth St. to Eightieth St., 8 four-st'y brownstone stores and tenements, tin roof; cost, each, $13,000; owner, Michael Duffy, 156 East One Hundred and Second St.; architect, Andrew Spence.

Seventy-ninth St., n s, *and Eightieth St.*, s s, between Ave. A and First Ave., 24 four-st'y Connecticut brownstone tenements, tin roof; cost, each, $12,500; owner, Michael Duffy, 156 East One Hundred and Second St.; architect, A. Spence.

Seventy-third St., s s, 350' e Tenth Ave., 5 four-st'y brick and brownstone dwells., tin roof; cost, each, $35,000; owner, Margaret Crawford, 926 Third Ave.; architect, G. A. Schellenger.

Sixth Ave., e s, 25' s One Hundred and Twenty-fourth St., one-st'y wood and glass front dwell.; cost, $1,000; owner, John R. Kelly, Sixth Ave., s e cor. Twelfth St.; architect, M. L. Ungrich.

One Hundred and Twenty-fifth St., s s, 200' e Eighth Ave., 2 five-st'y brick and freestone tenements, tin roof; cost, each, $12,000; owner, Sarah Darragh, 23 West One Hundred and Twenty-third St.; architect, Jno. E. Darragh; builder, Theo. Darragh.

One Hundred and Twenty-seventh St., n s, 85' w Seventh Ave., 2 three-st'y brownstone dwells., tin roof; cost, each, $14,000; owner, Samuel H. Bailey, 186 East One Hundred and Fourth St.; architect, F. T. Camp.

One Hundred and Thirtieth St., n s, 250' w Eleventh Ave., four-st'y brick tenement, tin roof; cost, $11,000; owner, Charles Bornkamp, 170 Robbins Ave.; architect, James Barrett.

One Hundred and Fortieth St., n s, 325' w Grand Boulevard, two-st'y brick stable, tin roof; cost, $4,000; owner, Henry L. Hoguet, 48 West Twenty-eighth St.; architect, W. H. Hume; builders, Isaac A. Hopper and C. E. Hume & Co.

One Hundred and Forty-first St., n s, 100' e Eighth Ave., two st'y frame dwell., tin roof; cost, $4,000; owner, John Barthel, One Hundred and Forty-first St., w of Eighth Ave.; architect, Wm. Kuschle.

One Hundred and Thirty-fourth St., s s, 100' e Lincoln Ave., one-st'y brick factory, gravel roof; cost, $15,000; owner, New York Wood Turning Co., 16 Cortlandt St.; architects, Smith & Howe; builders, J. V. Donovan and W. L. Dutiraw.

Union Ave., w s, 50' n One Hundred and Forty-fifth St., 4 two-st'y frame dwells., tin roof; cost, each, $4,500; owners, J. & M. Haffen, One Hundred

mer is simply a hammer, but
at variety of hammers, from
h-maker taps the mandril of
der which tons of hot iron
t, plays an important part
peculiar form, size, weight
ll and dexterity required
as seen the operation of
of hand with which the strikers
ame than it takes to write about it.
h wonderful accuracy and rapidity,
t looks as smooth and regular as if
ld. Take even the process of driv-
narkable what a difference there is in
of a carpenter. The one hits one side,
or bruises the finger that holds it. The
d drives the nail home with well-directed
of coppersmiths is proverbial, pounding
pe. The copper plates that are used by
rd in long strips by the use of large steel
th as that of a mirror. The most accurate
ess, because the hammer-face is flat and
to avoid cutting deep gashes in the plates.
e bevels on these plates, a skilled workman
mmer in a few minutes that would require
l polishing. Silversmiths learn to be very
mmer. Spectacle-makers can take the tem-
tacles and temper them by dexterous plan-
l anvil. A blacksmith always has an assort-
ch to shape the ductile iron. File-cutters
ers with great judgment. Each tooth in a
he burr raised by tapping a sharp chisel held
blow the chisel is set up against the burr of
r burr is raised, and so on until the file is
k a necessity. One of the most difficult jobs
is to straighten large flat plates of metal.
here do with a few strokes of the hammer
non- cannot do at all. Indeed, without
o str a plates with a hammer generally
kedness worse. The gold-beater's hammer is
e trained hand, although an hour of it would
calker has a peculiar long hammer. The axe
pened hammers. Machinists use great copper
they wish to strike blows without marring the
e queerest hammers in use is a magnetic ham-
Yankee peddler who used one of these to great
dling a fancy soap. He would go into a store,
card, "Buy my unequalled soap," and before
er could remonstrate he would tack up one of
wall where it could not be taken down without
he did it was to hold up his card to the re-
stretched arm, standing on tiptoe. He had a
n a long handle, and in his mouth a few tacks.
ll-poster pursued this plan of posting adver-
ph-poles so high that it required the line-men
get the cards down.—*New York Sun.*

A cheap luminous paint, it is said, may be pro-
leaning oyster-shells with warm water, putting
n hour, and at the end of that time taking them
ol. When quite cool they should be pulverized
removed, as they are of no use. The powder so
rucible in alternate layers with flour of sulphur.
the crucible and then cemented in place with
paste with beer. When perfectly dry the cruci-
and baked for about an hour, and, after having
n opened, when the mass within should be per-
s then made by taking a pot and putting a piece
ry loosely across it and tying it with a string.
the top and raked about until only the course
very fine powder contained in the pot is then
, with gum-water, and the article to be made lu-
h two coats of this paint. The fluid should be
this applications are said to give better results
The article coated with this paint will remain lu-
able length of time, provided it has been exposed
e day.—*Exchange.*

MORTAR.

TEST PIECES.

	Compression Test. (Loads in pounds per square inch).					
	Cracked	Crushed	Cracked	Crushed	Cracked	Crushed
			28 days.		90 days.	
	98.		740	985	1025	1395
	985		1111	1110	1354	1610
	950		903	1001	670	280.
	495		1430	1553	1215	1535
	1430				455	570

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

266,267. AIR-PURIFIER. — Peter Breen, Cincinnati, Ohio.

266,276. SCREW-NAIL. — Henry Dunham, Abington, Mass.

266,309. WATER-CLOSET. — Charles F. Piko, Philadelphia, Pa.

266,310. COMBINED WRENCH, VISE, AND NAIL-PULLER. — Daniel R. Porter, Cambridgeport, Mass.

266,384. DEVICE FOR CLOSING WINDOWS AND DOORS. — Doyel Pearson, Memphis, Tenn.

266,385. SAW-SET AND CLAMP. — John W. Petty and James K. Petty, Omaha, Neb.

266,388. LATCH. — Augustus B. Prouty, Worcester, Mass.

266,389. LOCKING-LATCH. — Augustus B. Prouty, Worcester, Mass.

266,390. LOCK. — Augustus B. Prouty, Worcester, Mass.

266,393. HEATING-STOVE. — Ewald Schöneberg, Bockenheim, Germany.

266,404. WATER-CLOSET AND URINAL. — George E. Waring, Jr., Newport, R. I.

266,416. PNEUMATIC APPARATUS FOR REMOVING NIGHT-SOIL FROM CESSPOOLS. — Jean Baptiste Berlier, Paris, France.

266,433. VENTILATING PIPE AND COWL. — John Cooper, Boston, Mass.

266,434. SUPPLY-TANK FOR WATER-CLOSETS. — John Cooper, Boston, Mass.

266,474. VISE. — Marvin T. Henson, Pratt, O.

266,479. SAFETY-STOP FOR ELEVATORS. — John Johnston, New York, N. Y.

266,485. WASTE OR SEWER-TRAP. — Colin Lightbody, Brooklyn, N. Y.

266,498. DOOR AND SHUTTER BOLT. — Robert B. Monroe, Philadelphia, Pa.

266,502. FIRE-ESCAPE. — Allen Newhall, Brooklyn, N. Y.

266,506. STEAM-HEATING APPARATUS. — Eugene F. Osborne, St. Paul, Minn.

266,507. STAINED-GLASS WINDOW. — Eugene Oudinot, Paris, France.

266,508. ORNAMENTING GLASS FOR ARCHITECTURAL PURPOSES. — Eugene Oudinot, Paris, France.

266,516. APPARATUS FOR TREATING TIMBER WITH ANTISEPTICS. — Joseph W. Putnam, New Orleans, La.

266,519. CARPENTER'S PLOUGH. — Frank A. Rappleye, Kendaia, N. Y.

266,522-523. VISE. — Henry F. Read, Brooklyn, N. Y.

266,546. VENTILATION. — Marshall B. Stafford, New York, N. Y.

266,556. TRY-SQUARE. — Justus A. Traut, New Britain, Conn.

266,562. MANUFACTURE OF TILES. — Lewis J. Walker, East Liverpool, O.

266,570. FIRE-ESCAPE. — John B. Wickersham, Philadelphia, Pa.

266,579. AUTOMATIC FIRE EXTINGUISHER AND ALARM. — Charles E. Buell, New Haven, Conn.

266,595. SCREW AND PIPE WRENCH. — William J. Owen, Nashville, Tenn.

266,596. FIRE-ESCAPE. — John Travers, Albany, N. Y.

10,223 (*Reissue*). METALLIC SHUTTER. — George Hayes, New York, N. Y.

SUMMARY OF THE WEEK.

Baltimore.

CHURCH. — Messrs. Wm. Ferguson & Bro. have been awarded contract for building Faith Presbyterian Church, at a cost of $43,000.

WAREHOUSE. — Four-st'y and basement warehouse, 38' x 93', for W. G. Primrose, Clay St., between Park Ave. and Howard St., brick, stone trimmings; cost, $15,000; Wm. Ferguson & Bro., architects and builders.

BUILDING PERMITS. — Since our last report twenty-four permits have been granted, the more important of which are the following: —

Geo. C. Hershman, 5 two-st'y brick buildings, s w cor. Essex and Concord Sts.

Wm. Jones, two-st'y brick building, in rear of n w cor. Bank St. and Madeira Alley.

Mary A. Smith, two-st'y brick building, w s Haubert St., s of Nicholson St.

Lancaster Ould, two-st'y brick building, Garden St., between Madison and Biddle Sts.

Gantz & Ameg, 12 two-st'y brick buildings, Chew St., between Wolf and Durham Sts.

E. D. Union, three-st'y brick building, s s Warren Ave., e of Battery Ave.

Jas. C. Fenhagen, two-st'y brick building, Alice-Anne St., between Washington and Chester Sts.

Mrs. A. Schmidt, two-st'y brick building, Booth St., between Amity and Schroeder Sts.

Henry Kontner, two-st'y brick building, Boyd St., s s, e of Callender Alley.

Boston.

BUILDING PERMITS. — *Brick.* — *London St., No.* 61, Ward 2, for Rev. J. J. Williams, two-st'y and mansard dwell., 43' 4" x 45' 4" and 50' 4"; ell, 17' 10" x 27' 10"; Jas. Devine, builder.

Columbus Ave., Nos. 156-167, Ward 11, for Frankl[illegible] Pkg., six-st'y "flat mercantile, 80' x 99' 4"; M. S. & G. S. Phillips, builders.

Marlborough St., No. 441, Ward 11, for Samuel T. Ames, three-st'y mansard dwell., 23' x 58'; Samuel T. Ames, builder.

Wood. — Neponset Ave., near Commercial St., Ward 24, for Mary A. Vance, one-st'y pitch dwell., 20' 6" x 27' 2"; H. P. Oakman, builder.

Hamblen St., near Arlington Ave., Ward 4, for Whittemore, Woodbury & Co., one-st'y, flat manufactory for wax, 28' x 25'; Geo. M. Starbird, builder.

Dorchester Ave., near Creek St., Ward 24, for Patrick Harb, one-st'y pitch stable, 40' x 100'; one-st'y, flat storage of wagons, 16' x 135'; one-st'y flat storage of wagons, 16' x 120'.

A St., rear, near Congress St., Ward 13, for Wm. H. Dole, two-st'y flat stable, 50' x 64'.

Swett St., rear of, near Magazine St., Ward 20, for Masten & Wells, one-st'y flat storage of fireworks, 15' x 45'; Maxwell.

Shurtleff Court, near Rutherford Ave., Ward 4, for Reed Bros. & Sawin, two-st'y flat stable, 40' x 64'; 2 ells, 40' x 44'.

Gage's Wharf, near Water St., No. 89, Ward 5, for Addison, Gage & Co., one-st'y pitch storage of ice-packing materials, 129' x 129'; N. C. Mulliken builder.

Savin St., near Tupelo St., Ward 21, for Wm. Barton, two-st'y pitch dwell., 17' 3" and 20' 6" x 31' 6"; ell, 15' x 18'; Wm. Barton, builder.

Savin St., near Tupelo St., Ward 21, two-st'y pitch dwell., 22' x 31' 6"; ell, 13' x 18'; Wm. Barton, builder.

Terrace St., rear, near Heath St., Ward 22, for Boston Car Spring Co., one-st'y flat manufacturing building, 21' x 60'; T. Merriman, builder.

Sumner St., near Webster St., Ward 2, for Patrick Haynes, two-st'y and mansard dwell., 19' 6" x 34'.

Pratt St., near Linden St., Ward 25, for Isaac Pratt, Jr., one-st'y pitch dwell., 20' and 26' x 30'; W. B. Cameron, builder.

Alden Pl., near Green St., Ward 23, for James McMorrow, one-st'y pitch stable, 17' x 24'; James McMorrow, builder.

Spring Lane, near Chestnut St., Ward 23, for F. A. Heerde, two-st'y pitch dwell., 23' x 30'; ell, 19' x 19'; Jacob Luippold, builder.

Wales St., near Blue Hill Ave., Ward 24, for Cheever Newhall, two-st'y hip dwell., 20' and 36' x 34' and 41'; Chas. E. Currier, builder.

Fuller St., between Washington St. and Dorchester Ave., Ward 24, for James O'Neil, two-st'y pitch dwell., 23' x 36'.

Unnamed Pl., off Walnut Ave., near Dale St., Ward 21, for Wm. Donaldson, two-st'y pitch dwell., 20' and 23' x 28'; Wm. Donaldson, builder.

Clifford St., No. 19, near Warren St., Ward 21, for Amity B. Davies, two-st'y pitch dwell., 21' x 38'; ell, 14' 6" x 16' 6"; D. Davies & Son, builders.

West Walnut Park, No. 9, rear of, Ward 23, for Rebecca J. Spenceley, one-st'y pitch workshop, 20' x 25'; C. J. Spenceley, builder.

Dorchester Ave., No. 912, cor. Grafton St., Ward 24, for Jas. Nolan, one-st'y pitch store, 15' x 15'; Chas. Stinson & Co., builders.

Calvert St., No. 18, Ward 19, for Wm. H. McIntosh, one-st'y, pitch manufactory, 18' x 25'; W. H. McIntosh, builder.

Brooklyn.

BUILDING PERMITS. — *Wall St., No.* 16, s s, 175' e Broadway, two-st'y frame dwell., tin roof; cost, $3,500; owner and builder, Henry Bossert; architect, Th. Engelhardt.

Lorimer St., w s, 250' s Norman Ave., 5 three-st'y frame tenements, gravel roof; cost, $3,000 each; owner and builder, J. J. Randall, 126 Manhattan Ave.

Vernon Ave., s s, 135' w Tompkins Ave., 5 two-st'y brownstone dwells., tin roof; cost, each, $4,000; owners, J. Clark & Sheridan, 675 Willoughby Ave.

Fulton St., s s, 120' e Grand Ave., 4 four-st'y brownstone stores and flats, tin roofs; cost, each, $8,000; owner and builder, W. H. Aldrich, on premises; architect, R. Dixon.

Clifton Pl., s s, 200' w Nostrand Ave., 3 two-st'y brownstone dwells., tin roofs; cost, each, $4,500; owner, A. Miller, 373 Decatur St.; architect and builder, T. Miller.

Greene St., No. 200, three-st'y frame tenement, gravel roof; cost, $3,000; owner, Wm. H. Marshall; architect, Abram Gamble; builders, Pat. Newman and Post & Gamble.

Norman Ave., n s, 50' e Newell St., 2 three-st'y frame tenements, tin roofs; cost, each, $4,500; owner, John Brodie; architect, Mr. Weber.

Gates Ave., Nos. 425 *and* 427, n s, 185' e Nostrand Ave., four-st'y brick double flat and 2 stores, gravel roof; cost, $20,000; owner, Paul C. Grening, 420 Gates Ave.; architect, Amzi Hill; builder, Jas. A. Thomson.

Meserole St., Nos. 64 *and* 66, four-st'y brick brewery, tin roof; cost, $14,000; owner, Joseph Fallert, 66 Meserole St.; architect, John Platte; builder, John Auer.

Bushwick Ave., s w cor. Ainslie St., 4 three-st'y frame, 1 store and tenement and 3 tenements, tin roofs; cost, $12,000; owner, James Baird, 114 Bushwick Ave.; architect, Geo. Hillenbrand; builder, Val Bruckhauser.

Quincy St., n s, about 250' e Throop Ave., 4 two-st'y brownstone dwells., tin roofs; cost, each, about $4,000; owner, etc.; J. W. Steuart, 952 Lafayette Ave.

Fifteenth St., s s, 126' 11" w Third Ave., 5 three-st'y brick flats, felt and gravel roofs; cost, each, $3,000; owner, James S. Basley, 176 Harrison St.; architect, E. W. Sanford; builders, Van Pelt & Pierce and Leclain & Greer.

Newton Creek, w s, n of Meeker Ave., one-st'y frame shed, felt and gravel roof; cost, $3,000; owners, A. C. Kingsland & Son, 430 Fifth Ave., New York; architect and builder, John H. McCullogh.

Baltic St., s w cor. Fourth Ave., 3 three-st'y brick flats and stores, felt and gravel roof; cost, each, $6,000; owner, J. H. Whooley, Baltic St., near Fourth Ave.; architect, R. Dixon; builder, E. H. Whooley.

Willoughby Ave., s s, 325' w Marcy Ave., three-st'y brownstone dwell., tin roof; cost, about $6,000; owners, etc., S. & G. Phillips, 691 Lafayette Ave.

Dupont St., n s, 275' w Oakland St., three-st'y frame tenement, tin roof; cost, $3,500; owner, Maria Moore, 51 Lexington Ave., New York; architect, Albert Lang; mason, S. Van Riper; carpenter, M. Thomas.

Ewen St., No. 178, e s, near Stagg St., three-st'y frame store and tenement, tin roof; cost, $6,000; owner, Geo. Baser, on premises; architect, J. J. Smith; builders, Jacob Rauth and Henry Ochs & Sons.

Seventeenth St., n s, 275' e Sixth Ave., 2 three-st'y brick tenements, tin roof; cost, each, $4,526; owner, Simon J. Harding, 25 Second Pl.; architect, Wm. H. Wirth; builders, George Phillips and Frederick Schroeder.

Greene Ave., s w cor. Throop Ave., 5 two-st'y brownstone dwells., and 1 two-st'y brownstone store and dwell., tin roofs; cost, each, $4,000; owner, etc., Patrick Concannon, 187 Wythe Ave.

Willoughby Ave., s s, 355' w Marcy Ave., 2 two-st'y brownstone dwells., tin roofs; cost, each, about $4,000; owner, etc., S. C. Phillips, 691 Lafayette Ave.

Hancock St., n s, 60' e Nostrand Ave., 2 three-st'y brownstone dwells., tin roofs; cost, each, $4,500; owner, Frederica M. Kinney, 418 Third St.; architects, Parfitt Bros.

Park Ave., Nos. 797 *and* 799, n s, 150' e Throop Ave., 2 three-st'y frame tenements, tin roof; cost, each, $6,000; owner, Olof Nordstrom, on premises; architect, Th. Engelhardt; builders, Geo. Straub and Eich Bros.

Smith St., No. 116, about 75' from Pacific St., four-st'y brick store and tenement, tin roof; cost, $7,500; owner, Mrs. Cath. Gaynor, Warren St.; architect, D. Laub; builders, F. J. Kelly and C. Dietrick.

Broadway, s e cor. Sumner Ave., three-st'y brick store and tenement, tin roof; cost, $8,000; owner, Louis Funk, 626 Broadway; architect, Th. Engelhardt; builders, Wm. Dafeldecker and J. Frisse.

Stuyvesant Ave., w s, 18' s Vernon Ave., two-st'y brick dwell., tin roof; cost, about $8,500; owner, M. Figueira, Flushing Ave.; architect, Fred. E. Lockwood.

Huron St., No. 177, n s, 125' from Manhattan Ave., three-st'y frame tenement, gravel roof; cost, $4,000; owner, Mr. Depold, on premises; architect, F. Weber; builders, J. Newman and Post & Gamble.

St. James Pl., w s, 100' n Lafayette Ave., two-st'y Ohio-stone chapel, slate roof; cost, $45,000; owner, Emanuel Baptist Church; architect, E. L. Roberts; builders, W. & T. Lamb, Jr., and C. L. Johnson.

Hamilton Ave., No. 340, s s, 68' e Garnet St., three-st'y brick tenement, tin roof; cost, $4,220; owner, Jacob Leeman, or Seeman, Poughkeepsie, N. Y.; architect, P. Henry Gilvarry; builders, P. Kelly & Son.

Fulton St., s e cor. Elliott Pl., four-st'y iron store and dwell., tin roof; cost, $28,000; owner, Charles Cheesborougn, Northport, L. I.; architect, C. A. Snedeker; builders, T. B. Rutan and E. Snedecker.

Oakland Ave., No. 130, e s, 200' n Norman Ave., three-st'y frame tenement, gravel roof; cost, $3,300; owner, Bernard Shelton, 274 Oakland Ave., architect, A. Gamble; builders, J. Newman and Post & Gamble.

North Sixth St., n w cor. Second St., four-st'y brick tenement, tin roof; cost, $8,500; owner, John McTernan, cor. Columbia and Warren Sts.; architect, Thos. F. Houghton; builders, Matthew Smith and John Fallon.

Johnson Ave., s w cor. Old Bushwick Ave., 2 two-st'y frame stores, tin roof; cost, each, $3,000; owner, Henry A. Smith, on premises; architect, Th. Engelhardt; builders, Ulrich Maurer and M. Metzer.

ALTERATIONS. — *Raymond St., Nos.* 73, 75, *and* 77, *and* 28, 30 *and* 32 *Division St.*, add one-st'y; cost, $4,000; owner, John Lockitt, Raymond St., near Bedford St.; builders, Hartt & Boyd.

Taylor St., s w cor. Kent Ave., four-st'y brick extensions, gravel roof, etc.; cost, $3,400; owner, F. Thill, on premises; architect and carpenter, J. H. Devoe; mason, J. F. Assip.

South Fifth St., s s, 100' w Second St., one and two st'y brick extension, gravel roof; cost, $3,000; owner, Frederick C. Knowles, on premises; architect, F. F. Gaylor; builders, Jno. McQuaid and Jenkins & Gillies.

North Eighth St., between Second and Third Sts., add one st'y, tin roof, present front rebuilt, also interior alterations; cost, $4,660; owner, Chas. Kelbe, cor. Third and North Eighth Sts.; architect, A. Herbert.

Chicago.

BUILDING PERMITS. — Chas. Groat, three-st'y brick flats, 21' x 60', 371 West Wood St.; cost, $3,000.

Aug. Zender, three-st'y brick dwell., 23' x 62, 239 Bissell St.; cost, $5,000.

J. H. Gibson, two-st'y and basement brick dwell., 17' x 50', 3524 Forest Ave.; cost, $3,000.

Thos. Owen, two-st'y and basement brick dwell., 20' x 50', 135 California Ave.; cost, $3,000.

John Schneider, two-st'y and basement brick store and flats, 38' x 56', Wentworth Ave., cor. Twenty-third St.; cost, $6,000.

Sturtevant & Lutz, two-st'y brick dwell., 21' x 48', 117 Jay St.; cost, $2,600.

A. Anderson, three-st'y brick dwell., 21' x 50', 208 West Division St.; cost, $3,000.

William Temple, 2 two-st'y and basement brick dwells., 45' x 50', 95 and 97 Hill St.; cost, $7,000.

E. K. Rodgers, 3 one-st'y brick cottages, 22' x 36' each, 165, 171 and 177 McGregor St.; cost, $3,000.

Cassel, Higbee & Co., 2 two-st'y brick dwells., 37' x 60', 124 and 15 Diller St.; cost, $4,500.

P. O'Brien, two-st'y brick dwell., 25' x 47', 555 Twenty-sixth St.; cost, $3,400.

E. Fox, two-st'y and attic brick dwell., 21' x 48', 647 South Ashland Ave.; cost, $2,600.

Fred. Zapel, three-st'y brick store and dwell., 25' x 70', Clybourn Ave., near Fullerton St.; cost, $5,000.

John F. Walsh, three-st'y and basement brick dwell., 50' x 78', Nos. 1 and 3 Whiting St.; cost, $14,000.

George Keller, 2 two-st'y and basement brick dwells., 40' x 40', 133 and 135 Dearborn Ave.; cost, $20,000.

J. B. Farley, two-st'y and basement brick dwell., 22' x 56', 371 Ierrell St.; cost, $1,500.

Dr. L. A. Ehrehl, three-st'y and basement brick

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store and dwell., 24′ x 66′, Ashland Ave., cor. Fifteenth St.; cost, $8,000.
C. Thinger, two-st'y and attic brick dwell., 22′ x 52′, 117 Lincoln Ave.; cost, $4,000.
John Basch, two-st'y and basement brick dwell., 20′ x 69′, 292 Dayton St.; cost, $3,000.
L. Z. Leiter, additional story, 41′ x 144′, 241 and 243 State St.; cost, $12,000.
E. B. Smith, two-st'y brick store and dwell., 25′ x 50′, 3246 Wentworth Ave.; cost, $4,500.
P. J. Sexton, 5 four-st'y brick dwells., 72′ x 162′, 341 to 353 Chicago Ave.; cost, $50,000.
Fannie M. Boone, three-st'y brick dwell., 25′ x 86′, 3033 Michigan Ave.; cost, $10,000.
John Schroeder, two-st'y and basement brick dwell., 24′ x 69′, 634 West Twelfth St.; cost, $4,000.
John Kranz, three-st'y brick dwell., 23′ x 62′, 284 East Huron St.; cost, $10,000.
M. M. Rothschild, three-st'y brick flats, 19′ x 74′, 3200 Prairie Ave.; cost, $10,000.
S. E. Gross, 4 one-st'y brick cottages, 20′ x 30′ each, Illinois Ave., near Thirty-second St.; cost, $4,000.
Chas. Bithke, two-st'y and basement brick store and dwell., 24′ x 70′, Ogden Ave., near Taylor St.; cost, $8,000.
W. L. Moss, two-st'y brick dwell., 32′ x 43′, 739 and 741 Ashland Ave.; cost, $3,000.
Mary Callnan, two-st'y and basement brick dwell., 21′ x 60′, 457 North Ashland Ave.; cost, $4,000.
Livesey Iron Works, four-st'y and basement brick factory, 53′ x 80′, 38 and 40 Quincy St.; cost, $11,000.
Mary Spelina, two-st'y brick dwell., 21′ x 50′, 112 Farquar St.; cost, $4,000.
H. Seekamp, 2 one-st'y brick cottages, 20′ x 50′ each, 463 and 465 Elston Road; cost, $2,500.
L. Morrison, two-st'y and cellar brick dwell., 38′ x 58′, Homan St., cor. Washington St.; cost, $15,000.
Louisa J. Bangs, two-st'y and basement brick dwells., 34′ x 59′, 469 North State St.; cost, $11,000.
M. Jedlika, two-st'y and basement brick dwell., 27′ x 30′, Kossuth St., cor. Portland Ave.; cost, $5,500.
Waclar, Schery, two-st'y brick dwell., 21′ x 60′, 239 Kossuth St.; cost, $3,000.
Josef Seman, two-st'y and basement brick dwell., 20′ x 56′, 391 West Sixteenth St.; cost, $4,000.
F. Conrad, two-st'y and basement brick store and dwell., 24′ x 69′, 931 West Twentieth St.; cost, $4,000.
W. Kreuger, two-st'y brick dwell., 25′ x 60′, Canalport Ave., cor. Twenty-first St.; cost, $5,400.
J. G. Fisher, two-st'y brick dwell., 24′ x 74′, Van Horn St., cor. Ashland Ave.; cost, $3,000.
Jacob Breuner, two-st'y and basement brick dwell., 24′ x 56′, Laflin and Seventeenth St.; cost, $4,000.
B. Oswald, two-st'y brick dwell., 44′ x 63′, Paulina and Fourteenth St.; cost, $6,700.
Toolen & Maloney, two-st'y and basement brick flats, 3622 Dearborn St.; cost, $4,000.
B. F. Fitch, two-st'y brick dwell., 22′ x 50′, 3533 Indiana Ave.; cost, $4,000.
Dr. Clapp, four-st'y and basement brick flats, 20′ x 48′, 40 East Harrison St.; cost, $7,000.
St. Luke's Hospital, four-st'y brick hospital-building, 80′ x 153′, Indiana Ave., cor. Fourteenth St.; cost, $115,000.

Cincinnati.

BUILDING PERMITS. — During the past week the following building permits have been issued: —
C. Bare, one-st'y frame dwell., Rachael St., cor. Second Ave.; cost, $2,500.
Wm. Franz, two-st'y brick dwell., 86 Calhoun St.; cost, $4,000.
L. E. Steinman, two-st'y brick dwell., Linn St., near Liberty St.; cost, $5,000.
H. Weiman, three-st'y brick dwells., Eighth St., near State Ave.; cost, $6,000.
Six permits for repairs; cost, $2,000.
Total permits to date, 616.
Total cost to date, $1,815,300.

Detroit.

BUILDING PERMITS. — The following are the more important of the permits granted since our last report:
Brick house, No. 76 Abbott St.; cost, $3,500; Neil McArthur, owner.
Brick house, No. 461 Fourth St.; cost, $4,000; H. W. Holcomb, owner.
Two brick stores, Nos. 141 and 143 Grand River Ave.; cost, $7,000; M. W. Scovel, contractor.
Block of stores, West Woodbridge St.; cost, $40,000; A. Chapoton, Jr., contractor.
Brick warehouse, No. 227 Croghan St.; cost, $4,500; Jacob Burnstein, owner.
Elevator and freight depot, West Woodbridge St.; cost, $350,000; Union Station Co., owners.
Brick warehouse, West Woodbridge St.; cost, $4,000; Belknap & Drake, contractors.
Frame house, No. 420 Fourth St.; cost, $3,500; Stevens & Co., contractors.
Thirteen frame houses, Russell St.; cost, $6,000; J. W. Weber, owner.
Alterations to brick manufactory, No. 70 Lafayette Ave.; cost, $6,500; Mason & Rice, architects.
Brick house, Fourth St.; cost, $4,500; H. W. Holcomb, owner.
Brick house, Woodward Ave.; cost, $15,000; W. G. Vinton & Co., contractors.
Brick house, No. 33 High St., w; cost, $6,500; W. G. Vinton & Co., contractors.
Brick barn, Woodward Ave.; cost, $4,200; Wells Burt, owner.
Two brick stores, Nos. 73 and 75 Grand River Ave.; cost, $4,200; William B. Wesson, owner.
Brick house, East Forrest St.; cost, $4,500; C. W. Shippey, contractor.
Brick dwelling, No. 29 Miami Ave.; cost, $9,000; J. V. Smith, architect.
Brick store and dwell., Second St.; cost, $12,000; Donaldson & Meier, architects.
Double brick house, No. 318 Lafayette Ave.; cost, $8,000; Donaldson & Meier, architects.
Two brick houses, Canfield Ave.; cost, $16,000; A. J. Fair, owner.
Alterations to brick dwell., No. 481 Woodward Ave.; cost, $7,000; A. C. Varney, architect.

Louisville.

BUILDING PERMITS. — The following building permits have been issued since last report: —
Geo. A. Houghsten, brick dwell.; cost, $3,000.
J. Klos, frame dwell.; cost, $2,000.
Trinity Church Congregation, brick church; cost, $3,750.
Henry Vouderhelde, brick dwell.; cost, $4,500.
Mrs. W. Dunker, brick store; cost, $10,000.
M. Irwin, brick dwell.; cost, $7,000.
James F. Calloway, brick dwell.; cost, $7,500.
Fred Smith, brick dwell.; cost, $2,000.
Baptist Orphan's Home, brick dwell.; cost, $8,000.
W. J. Watkins, brick dwell., cost, $2,000.
John Bost, brick dwell.; cost, $3,150.
Martha J. Hill, brick dwell.; cost, $6,000.
James W. Osborne, brick dwell.; cost, $20,000.
J. M. Atherton, brick dwell.; cost, $2,000.

New York.

APARTMENT-HOUSES. — A novelty in co-operative apartment-houses is to be built on Twenty-third St., between Seventh and Eighth Aves. One novel feature will be the size of many of the apartments, which will range from nine to three rooms each. Every apartment will besides this have a bath-room. The smaller apartments will probably be used by bachelors, and married people without children or servants. The building will be of brick, with stone trimmings, eleven stories high, and fire-proof throughout. The entire cost of land and building will probably reach $550,000; Messrs. Hubert Pirsson & Co. are the architects. The same gentlemen are preparing plans for another apartment-house, to be eight stories high, which is to be erected on the south side of One Hundred and Thirtieth St., between Madison and Fifth Aves. The building will be of brick, with stone trimmings, 50′ x 125′, fire-proof throughout, and will cost $300,000.
Mr. Carl Pfeiffer is drawing plans for a large apartment-house, also on the co-operative plan, which is to be built on the corner of Sixty-second St. and Eighth Ave., of brick, stone and terra-cotta, at a cost of about $350,000.
PARTNERSHIP. — Messrs. Chas. W. Romeyn, Alfred E. Barlow, and A. J. Stever have formed a partnership under the firm style of Charles W. Romeyn & Co.
CONTRACTS. — The contract for building the "Barcelona" apartment-house has been awarded to Mr. Terence Kiernan.
The contract for laying a rock-asphalt sidewalk on Fifty-ninth St., from Eighth Ave. to Fifth Ave., and on Fifth Ave., from Sixtieth St. to Seventy-second St., has been awarded by the Park Commissioners to the New York Mastic Works.
BUILDING PERMITS. — *Orchard St., No.* 19, three-st'y brick store and dwell., tin roof; cost, $4,000; owner, Marcus Adler, 19 Orchard St.; architect, John Brandt; builders, Wolf & Lochmann.
Greene St., Nos. 37 *to* 43, 3 six-st'y brick (iron front) stores, tin roof; cost, each, $50,000; owner, Alfred Brady, Hanmore Hotel; architect, M. Odell; builder, Wm. B. Pettit.
Broadway, s w cor. Fifty-seventh St., eight-st'y brick and stone apartment-house, slate and tin roof; cost, $300,000; owner, Chas. H. Bliss, 204 East Seventy-second St.; architect, Wm. Schickel.
Sixteenth St., s s, 100′ 6″ w Ave. B, 6 five-st'y brick tenements, tin roof; cost, each, $10,500; owner, Ph. Braender, Ave. B and Eighty-fourth St.; architect, John Brandt.
East Twentieth St., No. 219, five-st'y brick tenement, tin roof; cost, $10,000; owner, Henry Gucker, 183 Second Ave.; architect, F. W. Klemt; builder, J. P. Schweickert.
East Forty-first St., No. 550, five-st'y brick tenement, tin roof; cost, $12,000; owner and builder, Thomas Cockerill, 350 West Thirty-sixth St.; architect, Jas. Stroud.
First Ave., e s, 21′ s One Hundred and Seventh St., four-st'y brick tenement, tin roof; cost, $9,000; owner and builder, John Norton, 1945 Third Ave.; architect, Bart. Walther.
Third Ave., n w cor. One Hundred and Fifteenth St., five-st'y brick tenement, tin roof; cost, $39,000; owner, Samuel A. Purdy, jr., 61 West Fiftieth St.; architect, G. Robinson, jr.
Fifth Ave., e s, 25′ 10″ s Sixtieth St., seven-st'y brick, brownstone and terra-cotta store, tin roof; cost, $110,000; owners, Park & Tilford, 117 Broadway; architects, D. & J. Jardine.
Park Ave., e s, 51′ n Seventy-seventh St., 2 five-st'y brownstone tenements, tin roof; cost, each, $25,000; owner and builder, Frank A. Sietz, 332 East Forty-second St.; architect, J. M. Dunn.
Seventy-ninth St., s s, 76′ w Fourth Ave., 4 four-st'y brick and brownstone dwells., tin roof; cost, each, $20,000; owners, Anson Squires, Fourth Ave., cor. Seventy-eighth St., and J. V. S. Woolley, 75 East Seventy-ninth St.; architect, Anson Squires.
Seventy-second St., n s, 300′ e Second Ave., 3 five-st'y brick tenements, tin roof; cost, each, $23,000; owner, Samuel Simmons, 13 Sheriff St.; architect, Chas. Baxter.
Seventy-first St., s s, 100′ w Eastern Boulevard, eight-st'y brick factory, tin roof; cost, $65,000; owner, Edward Leissner, 828 Broadway; architect, Albert Wagner.
One Hundred and Fourteenth St., n s, 146′ 6″ e First Ave., five-st'y brick tenement, tin roof; cost, $15,000; owner and architect, Alfred B. Ogden, 409 East Fifty-third St.; builder, not selected.
East One Hundred and Seventeenth St., Nos. 176 *to* 182, 4 five-st'y brick tenements, tin roof; cost, each, $13,500; owner, John J. Murphy, 66 Second Ave.; architect, G. W. Da Cunha.
One Hundred and Twenty-eighth St., n s, 285 w Fifth Ave., four-st'y brick tenement, tin roof; cost, $14,000; owner and mason, Cowan Keyes, 63 East One Hundred and Twenty-seventh St.; architect, A. T. Wilson.
One Hundred and Twenty-ninth St., n s, 225′ e Seventh Ave., four-st'y brick tenement, four families, tin roof; cost, $18,000; owner, Wm. Fettretch, 124 East Eighty-fourth St.; architects, Cleverdon & Putzel.
Courtland Ave., w s, 59′ 2″ n One Hundred and Fiftieth St., three-st'y frame dwell. and public hall, tin roof; cost, $12,000; owner, the Melrose Turn Verein, Chas. L. Roeder, President, One Hundred and Forty-seventh St., near St. Ann's Ave.; architect, Adolph Pfeiffer.
ALTERATIONS. — *Madison Ave., Nos.* 608, 610, 612 *and* 614, n w cor. Fifty-eighth St., add one st'y, also seven-st'y extension, tin roof, etc.; cost, $135,000; owner, Sarah E. L. Taylor, on premises; architects and builders, Chas. Graham & Son.
East Tenth St., No. 469, add two stories; cost, $4,000; owner, Wm. E. Uptegrove; architect, W. Jose; builders, B. Shapter and Guy Culgin.
West Thirty-second St., No. 153, four-st'y brick extension, interior alterations, etc.; cost, $10,000; owner, Frederick Ackerman, 318 President St., Brooklyn; architect, A. Graf; builder, not selected.
Washington St., Nos. 606, 608 *and* 610, two-st'y brick extension, gravel roof; cost, $4,500; lessee, W. H. Kirby, 229 East Twenty-sixth St.; architect, Wm. Graul.
Bond St., No. 49, new mansard and flat roof, and a one-st'y brick extension, also interior alterations and new front; cost, $7,500; owner, New York Free Circulating Library; architect, W. E. Worthen; builders, Wm. McLaughlin and Robert Burgess.

Philadelphia.

BUILDING PERMITS. — *Olive St., Nos.* 1236 *and* 1238, three-st'y building, 30′ x 71′; C. G. McMullen, owner.
Hope St., w s, n of Somerset St., 2 two-st'y dwells., 16′ x 34′; W. A. M. Fuller, owner.
Fifty-ninth St., cor. Elmwood St., three-st'y dwell., 20′ x 42′; W. W. Bozarth, contractor.
Salmon St., No. 3232, 2 two-st'y dwells., 13′ x 29′; Sebastian Heim.
Germantown Ave., Nos. 1317 *and* 1319, three-st'y addition to factory, 16′ x 30′; McLaughlin & McNamars.
Ninth St., e s, n of Girard Ave., three-st'y factory, 25′ x 56′; J. H. Riter & Co., contractors.
Hamilton St., s s, w of Thirty-third St., 2 three-st'y dwells., 16′ x 68′; Pennock Bros., contractors.
Arch St., No. 224, three-st'y store, 15′ x 52′; Pennock Bros., contractors.
North Fifth St., No. 2637, three-st'y dwell., 18′ x 52′; David Zimmerman.
North Second St., No. 1805, three-st'y dwell., 20′ x 22′; Jno. Cairns, contractor.
Twentieth St., e s, n of Dickerson St., 6 two-st'y dwells., 16′ x 42′; Thos. H. Hay.
Mascher St., e s, s of Oxford St., five-st'y factory, 50′ x 80′; A. B. Rorke, contractor.
Huntingdon St., s s, n s Fox St., between Sepviva and Tulip Sts., 5 two-st'y dwells., 12′ x 28′ and 18′ x 40′; W. H. Greenfield, owner.
Fox St., No. 605, three-st'y dwell., 15′ x 34′; Pauline Wolf, owner.
Thirtieth St., e s, s of Poplar St., 8 two-st'y dwells., 15′ x 26′; W. H. Bilyeu, owner.
Noble St., No. 146, four-st'y factory, 26′ x 66′; Jas. Hood.
Front St., w s, n of Girard Ave., three-st'y dwell., 20′ x 42′; Wildey & Gardy, contractors.
Tioga St., s s, e of Nineteenth St., 6 three-st'y dwells., 20′ x 60′; P. J. Lee & Co.
Fifteenth St., e s, between Reed and Dickinson Sts., 2 three-st'y dwells., 16′ x 50′; W. R. Machett, owner.
Dickinson St., s s, w of Broad St., 5 two-st'y dwells., 15′ x 48′; W. R. Machett, owner.
Walnut St., Nos. 335, 337 *and* 339, six-st'y office-building, 50′ x 106′; Marriner & Buckingham, contractors.
Myrtle St., s e cor. Holly St., 4 three-st'y dwells., 16′ x 44′; Lewis C. Smith, contractor.
Winton St., s s, w of Sixth St., two-st'y dwells., 14′ x 32′; Smith & McHenry, contractors.
Huntingdon St., s s, w of Fourth St. and e of Leithgow St., s of Huntingdon St., 11 three-st'y and two-st'y dwells., and 2 stores, 16′ x 50′; E. J. Devlin, owner.
North Fifth St., No. 2639, two-st'y dwell., 18′ x 50′; E. Schmidt, contractor.
Hancock St., w s, n of Huntingdon St., one-st'y dye-house, 46′ x 66′; Wm. Steel, contractor.
Huntingdon St., n s, between Second and Hancock Sts., two-st'y office, 16′ x 60′; Wm. Steel, contractor.
Hamilton St., s s, e of Eighteenth St., one-st'y shop-building, 30′ x 100′; Baldwin Locomotive Works, owner.
Twenty-seventh St., s w cor. Jefferson St., 6 three-st'y and two-st'y dwells., 14′ x 26′; J. Bryan, contractor.
Manton St., e s, n of Jefferson St., two-st'y dwell., 18′ x 38′; Jos. Hutton.
Shackamaxon St., n w cor. Girard Ave., 4 three-st'y dwells., 18′ x 33′; R. R. Tall, contractor.
Ash St., s e cor. Moyer St., 5 dwells., 1 three-st'y store and 4 two-st'y dwells., 18′ x 38′; J. S. Baldt & Son, contractors.
Hanes St., w s, s of Chestnut Hill Railroad, 2 two-st'y dwells., 16′ x 28′; Wm. Kohl & Co., contractors.
Howard St., s s, bet. Norris and Berks Sts., two-st'y dwell., 18′ x 40′; Jas. McCartney, contractor.
Tioga St., n w cor. Smedley St., 3 two-st'y dwells., 13′ x 38′; Benj. Walker, contractor.
Orthodox St., s s, w of Race, (Frankford), two-st'y dwell., 16′ x 30′; Benj. Taylor, contractor.
North Twenty-second St., No. 1705, dwell., 18′ x 27′; A. Hindle, contractor.
C St., e s, n of Cumberland St., and w s Fairhill St., n of Cumberland St., 6 two-st'y dwells., 16′ x 48′; Amos D. Kennedy, owner.
Cambridge St., s s, bet. Carlisle and Fifteenth Sts., 4 three-st'y dwells., 17′ x 40′; Jas. V. McGarvey, contractor.
Diamond St., No. 116, two-st'y stable, 27′ x 50′; Jas. McGarvey, contractor.
Taggart St., w s, n of Otis St., two-st'y dwell., 14′ x 30′; Thos. L. Kelley, contractor.
Orkney St., w s, 126′ s of Indiana St., two-st'y stable, 15′ x 40′; Thos. L. Kelley, owner.
Chelton Ave., s w of Green St., (Germantown) two st'y dwell., and back building, 22′ x 61′; Chas. Rupp, contractor.
Howard St., cor. of Huntingdon St., 2 three-st'y dwells., 17′ x 45′; Jos. Lougham, owner.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

266,600-601. DOOR-BOLT.—Arthur C. Blayney, Chicago, Ill.

266,604. DOUBLE-SEAMING MACHINE. — Orrin W. Burritt, Weedsport, N. Y.

266,606. PORTABLE ADJUSTABLE WINDOW-BALCONY.—George W. Cannon, Poughkeepsie, N. Y.

266,613. HOT-AIR GENERATOR FOR FIREPLACES.—Jesse S. Deardorff, Canal Dover, O.

266,623. TENONING-MACHINE. — William D. Herschel, Philadelphia, Pa.

266,642. REVERSIBLE SCREW-DRIVER.—Frank R. Partridge, Augusta, Me.

266,658. TRESTLE.—Daniel E. Teal, Oneida Castle, N. Y.

266,671. PLUMB-BOB.—William L. Bergen, Batavia, Ill.

266,691. WINDOW-PLATFORM AND FIRE-ESCAPE.—Frank H. Heimsath, Chicago, Ill.

266,706. AUTOMATIC FIRE-ALARM.—Morris Martin, Malden, Mass.

266,730. WEATHER-STRIP. — Theodore Steckel, Klecknersville, Pa.

266,758. COMBINED LOCK AND LATCH.—Richard F. Bridewell, San Francisco, Cal.

266,763. METHOD OF CORRUGATING WOOD.—John J. Burk, Buffalo, N. Y.

266,795. PNEUMATIC DOOR-CHECK.—Gilbert R. Elliott, Boston, Mass.

266,799. SASH-FASTENER. — Louis Felsburg, New Haven, Conn.

266,809. DRAIN AND SEWER.—Henry B. Greenleaf, Boston, Mass.

266,816. HEATER FOR DWELLING-HOUSES.—James B. Harris, Jr., Geneseo, N. Y.

266,829. BARN-DOOR.—James L. Johnston, Columbiana, O.

266,863. LATCH AND LOCK COMBINED.—William Michel, Mount Sterling, O.

266,870. WATER-CLOSET VALVE.—Emil Moellman, Cincinnati, O.

266,871. BENCH MORTISING-MACHINE.—William S. Morgan, Evansville, Wis.

266,876-877. FIRE-EXTINGUISHER. — Daniel Parham, Tyngsborough, Mass.

266,878. COMPOUND FOR ARTIFICIAL STONE.—Antonio Pelletier, Washington, D. C.

266,887. CLAMP.—Thomas Reno, Detroit, Mich.

266,903. DOOR-FASTENING DEVICE. — Jules T. Schertser, Jefferson Barracks, Mo.

266,918. MANUFACTURE OF GLASS WATER-CLOSET BOWLS.—Junius A. Talmadge, Meriden, Conn.

266,920. CLAMP. — Harrison H. Taylor, Detroit, Mich.

266,933. FIREPLACE.—Charles A. Wellington, Lexington, and Albert Chase, Boston, Mass.

266,947. LOCKING-LATCH. — Joseph Zerfas, New York, N. Y.

10,224. (*Reissue.*) HYDRAULIC ELEVATORS.—Cyrus W. Baldwin, Chicago, Ill.

SUMMARY OF THE WEEK.

Baltimore.

BUILDING PERMITS. — Since our last report twenty permits have been granted, the more important of which are the following: —

Emanuel M. E. Church, South, stone church, s w cor. McCollough and Presstman Sts.

Ansley Gill, 4 two-st'y brick buildings, s s Ramsey St., w of Addison Alley.

Frank E. Davis, 4 four-st'y square brick buildings, w s Carrolton Ave., n of Lanvale St.

Pindall & Frisby, 6 two-st'y brick buildings, s s West St., w of Paca St.

John M. Getz, 5 three-st'y brick buildings, Biddle St., between Valley and Wilcox Sts.

C. C. Rumpf & Co., three-st'y brick building, 40′ x 42′, n s Portland St., w of Green St.

Robt. Garrett & Sons, iron-covered shed, 13′ x 230′, O'Donnell's Wharf, in front of Maryland Sugar Refinery.

Wm. Butzler, three-st'y brick building, e s Valley St., between Biddle and Chase Sts.

Wm. Hyeser, 2 three-st'y brick buildings, e s Valley St., between Chase and Biddle Sts.

Henry Schermer & Aug. Hanneman, 2 three-st'y brick buildings, n w cor. Washington and Jefferson Sts., fronting w s Washington St.

George M. Wirth, two-st'y brick building, William St., between West and Cross Sts.

Wm. Bowman, two-st'y brick building, 44′ x 50′, n e cor. Eden St. and Hammond Alley.

Boston.

BUILDING PERMITS. — *Brick. — Commonwealth Ave., No.* 264, Ward 11, for John W. Shapleigh, three-st'y mansard dwell., 25′ x 60′; Antoine Xavier, builder.

Washington St., near Neponset St., Ward 24, for Boston Gas Light Co., one-st'y hip governor house, 24′ x 24′; Wm. C. Whyte, builder.

Western Ave., rear of, near Harvard St., Ward 25, for Solarized Rubber Co., one-st'y flat engine-house, 30′ x 30′; Patrick Grace, builder.

Harrison Ave., nearly opposite Haywood Place, Ward 12, for Cyrus T. Clarke, four-st'y flat dwell. and store, 12′ x 56′ 6″.

Beacon St., No. 322, Ward 11, for R. D. Evans, four-st'y pitch dwell., 28′ x 71′; Woodbury & Leighton, builders.

Beacon St., No. 160, Ward 11, for Geo. O. Shattuck, four-st'y flat dwell., 30′ x 72′; Woodbury & Leighton, builders.

Mayo St., Ward 16, for Boston Building Association, four-st'y flat tenement, 36′ x 42′; Albert J. West, builder.

East Second St., near H St., Ward 14, for Henry Souther, four-st'y flat storage, 36′ x 125′; Arthur C. Brastow, builder.

Lehigh St., rear of, near South St., Ward 12, B. & A. R. R. yard, for B. & A. R. R. Co., two-st'y pitch iron signal-house, 10′ x 34′; J. G. Wheeler, builder.

Howard Ave., near Harlow St., Ward 20, for City of Boston, two-st'y pitch primary school-house, 57′ and 71′ 2″ x 78′; Robert R. Myers, builder.

Wood.—Neponset St., cor. Washington St., Ward 24, for Boston Gas Light Co., one-st'y pitch exhauster building, 20′ 4″ x 29′ 6″; ell, 20′ x 29′ 6″; Benj. Tarbox, builder.

Marginal St., near Jeffries St., Ward 2, for Abiel Gove, one-st'y pitch storage, 16′ x 20′; Abiel Gove, builder.

Centre St., rear of, near La Grange St., Ward 23, for Samuel B. Dana, executor, two-st'y pitch storage, 24′ x 27′; ell, 24′ x 29′; Geo. A. Spear, builder.

Tremont St., near Oak Sq., Ward 25, for Patrick Carr, one-st'y pitch stable, 14′ x 18′.

Atwood Ave., No. 2, rear, Ward 22, for Theoda H. Crosby, one-st'y pitch storage of plants, 10′ x 25′; R. D. Ward, builder.

Border St., No. 420, Ward 1, for Isaac Pratt, Jr., et. al., two-st'y flat storage, 22′ x 32′; N. Littlefield, builder.

Arion St., No. 4, near Davenport Ave., Ward 20, for Guy A. Clifford, two-st'y pitch dwell., 28′ x 32′; Guy A. Clifford, builder.

Arion St., No. 6, near Davenport Ave., Ward 20, for Guy A. Clifford, two-st'y pitch dwell., 28′ x 32′; Guy A. Clifford, builder.

Vinton St., near Dorchester St., for J. D. Thompson, one-st'y pitch mechanical, 18′ x 26′; Isaac H. Dunn, builder.

Boylston St., near Lamartine St., Ward 23, for Henry P. Jordan, one-st'y flat wagon-shed and office, 26′ x 50′; Henry P. Jordan, builder.

Keyes St., near South St., Ward 23, for John Gately, one-st'y pitch mechanical, 20′ x 30′; John Gately, builder.

Pleasant St., near Downer Ave., Ward 24, for T. W. Hoxie, 2 two-st'y flat dwells., 21′ 6″ x 39′; Wm. T. Eaton, builder.

Everett Ave., near Cushing Ave., Ward 24, for Frank P. Nash, two-st'y hip dwell., 31′ 6″ x 34′ 8″; W. A. Blazo, builder.

Everett Ave., cor. Cushing Ave., Ward 24, for Frank P. Nash, 2 two-st'y hip dwells., 22′ x 31′; ell, 14′ x 18′; W. A. Blazo, builder.

Tudor St. No. 75, Ward 13, for Patrick Hanlon, three-st'y flat dwell., 24′ x 40′; Patrick Hanlon, builder.

Dunstable St., Ward 5, for J. A. Pearson; one-st'y flat harness-maker's shop, 17′ x 30′ and 32′; G. M. Starbird, builder.

Rockwell St., near Milton Ave., Ward 24, for Mrs. M. E. Moulton, two-st'y pitch dwell., 22′ and 28′ x 32′ 6″; E. F. Moulton, builder.

Cushing Ave., near Everett Ave., Ward 24, for Frank O. Nash, two-st'y hip dwell., 31′ 6″ x 34′ 8″; W. A. Blazo, builder.

Harvard Ave., near Farrington Ave., Ward 25, for Samuel W. Shorey, 2 two-st'y pitch dwells., 14′ and 20′ x 50′; Henry M. Perry, builder.

Clay Ave., near Commercial St., Ward 24, for O. C. R. R. Co., one-st'y pitch passenger station, 22′ x 40′; ell, 15′ x 18′ 6″.

Rockland St., near Washington St., Ward 23, for Allin Cong. Church, Dedham, one-st'y pitch wagon-shed, 20′ x 25′; Tucker & Co., builders.

Train St., near King St., Ward 24, for Frank O. Nash, two-st'y hip dwell., 25′ and 31′ x 34′ 6″; ell, 17′ 9″ x 20′; W. A. Blazo, builder.

Brooklyn.

BUILDING PERMITS.—*Hall St.*, w s, 160′ s Willoughby Ave., two-st'y brick stable; cost, $3,500; owner, Mr. Coverly, Washington, D. C.; architect and carpenter, Ed. Van Vooris; mason, S. L. Keeney.

St. John's Pl., s s, 100′ e Seventh Ave., 5 three-st'y brownstone dwells., tin roofs; cost, each, $8,000; owner and builder, Thomas Fagan; architect, R. Dixon.

South Elliott Pl., e s, 100′ s Fulton St., 2 three-st'y brownstone dwells., tin roofs; total cost, $17,000; owner, Charles Cheesborough, Northport, L. I.; architect, C. A. Snedeker; builders, T. B. Rutan, and E. Snedeker.

Bergen St., n s, 200′ e Fifth Ave., four-st'y brick tenement, tin roof; cost, $8,000; owner, Miss Ann McCarty, 100 De Kalb Ave.; architect, S. W. Osmun.

Suydam St., e s, 112′ s Bushwick Ave., two-st'y frame dwell.; cost, $3,000; owner, F. Freidlein, Hopkins St., near Throop Ave.; builder, J. Rueger.

Metropolitan Ave. No. 44, s s, 289′ 8″ w Olive St., two-st'y frame dwell.; cost, $3,500; owner, Edmund Peek, 52 Metropolitan Ave.; architect, J. B. Harned; builder, O. H. Doolittle.

Broadway, e s, ——n Furman Ave., 2 two and three st'y frame dwells., tin roof; total cost, $5,500; owner, Martin Euler; architect and carpenter, George Distler.

Seventh St., Nos. 207 *to* 211, n s, 80′ w Fifth Ave., 4 two-st'y brick dwells., tin or gravel roofs; cost, total, $12,000; owner and carpenter, Edward H. Mowbray, 162 Centre St.; architect, P. H. Gilvarry; mason, J. J. Cody.

Sands St., s s, 151′ 4″ e Jay St., four-st'y brick store and tenement, gravel roof; cost, $12,000; owner, John Romayne, 130 Sands St.; architect, M. J. Morrell; builder, P. J. Carlin.

George St., Nos. 40, 42, *and* 44, near Central Ave., four-st'y brick and bluestone ice-house, tin roof; cost, $40,000; owner, Leonard Eppig, 32 George St.; architect, Chas. Stoll.

Macomb St., n s, cor. Fifth Ave., 4 three-st'y brick tenements, tin roofs; cost, $——; owner, Henry Lansdell, Ninth St., cor. Fifth Ave.; builders, J. M. Brown and C. B. Sheldon.

Chicago.

FACTORY. — Carey, Ogden & Parker have just commenced building a paint and oil manufactory, to cost $25,000, from designs by Jaffrey & Scott.

HOUSES. — J. H. Bell is to build a house on Drexel Boulevard, pressed brick, with stone trimmings, to cost $12,000; and Louis Lloyd a building for flats, on Winchester Ave., to cost $10,000, from plans furnished by L. G. Halberg, architect.

Dr. Earle is about to build a house on West Washington St., to cost $15,000; designed by C. P. Thomas, architect.

BUILDING PERMITS. — A. W. Rudwick, two-st'y and basement brick dwell., 22′ x 60′, 105 Blackhawk St.; cost, $4,500.

H. Smyth, two-st'y and basement brick store and dwell., 25′ x 58′, 676 Larrabee St.; cost, $5,000.

C. Zrerker, two-st'y brick dwell., 22′ x 45′, 81 Le Moyne St.; cost, $2,500.

C. L. Dix, three-st'y brick dwell., 28′ x 60′, Indiana Ave., near Twenty-second St.; cost, $4,000.

C. L. Jenks, 5 three-st'y and basement brick stores and dwells., 50′ x 150′, Nineteenth and Clark Sts.; cost, $25,000; Cass Chapman, architect.

Herman Repennery, three-st'y brick store and dwell., 429 Ogden Ave.; cost, $7,000.

F. Worst, two-st'y brick dwell., 20′ x 36′, 381 Fifth Ave.; cost, $4,000.

John Cowey, two-st'y and basement brick store and dwell., 22′ x 60′, 637 South Ashland Ave.; cost, $4,500.

John T. Davis, 12 two-st'y and basement brick dwells., 56′ x 264′, 288 to 326 Bissell St.; cost, $50,000.

J. W. Litchfield, two-st'y and basement brick dwell., 25′ x 40′, 731 and 733 Monroe St.; cost, $14,000.

F. Heid, three-st'y brick dwell., 22′ x 60′, 583 Wells St.; cost, $5,500.

James Grace, one-st'y cottage, 21′ x 40′, 331 Hudson Ave.; cost, $3,000.

Smith, Gaylord & Cross, six-st'y and basement brick store, 91′ x 162′, 111 to 117 Michigan Ave.; cost, $90,000.

John S. Oehman, three-st'y and basement brick dwell., 50′ x 70′, 2245 and 2247 Wentworth Ave.; cost, $10,000.

Geo. C. Hutchinson, three-st'y and basement brick factory, 50′ x 150′, 196 and 198 Desplaines St.; cost, $20,000.

A. E. Bournique, four-st'y and basement brick dancing-academy, 60′ x 127′, 2324 Calumet Ave.; cost, $30,000.

E. H. Valentine, three-st'y brick dwell., 50′ x 72′, 288 to 292 South Ashland Ave.; cost, $18,000.

John Jecel, two-st'y brick dwell., 21′ x 56′, 760 Eighteenth St.; cost, $3,000.

Cincinnati.

FACTORY.—Messrs. Snider & Co. Preserve Works are to build a six-st'y factory on Augusta St., 80′ x 134′; cost, $25,000; E. Anderson, architect.

BUILDING PERMITS.—J. M. Brunswick, five-st'y brick factory, St. Clair Alley; cost, $7,000.

Peter Lane, 4 two-st'y brick dwells., Eighth St., near State Ave.; cost, $20,000.

J. E. Burdge, two-st'y brick dwell., Sherman Ave., near Western Ave.; cost, $5,000.

Wm. Mullaly, two-st'y frame dwell., Warsaw Pike; cost, $2,000.

F. W. Handy, repair four-st'y brick, 183 West Second St.; cost, $2,300.

Total permits to date, 624.

Total cost to date, $1,852,900.

Denver, Col.

HOTEL. — W. H. Cox, five-st'y brick and stone hotel, 125′ x 150′, Stout St.; cost, $160,000; E. P. Brick, architect.

BUILDING PERMITS. — W. J. Kinsey, three-st'y brick building, 125′ x 125′, Wynkoop St.; cost, $20,000; F. E. Edbrooke, architect.

H. C. Brown, two-st'y brick dwell., 53′ x 63′, Sherman Ave.; cost, $20,000; Wm. Quayle, architect.

Frank Church, double brick dwell., 40′ x 45′, South Fourteenth St.; cost, $8,000; F. E. Edbrooke, architect.

H. C. Sargeant, two-st'y brick dwell., 40′ x 60′, Lincoln Ave.; cost, $10,000.

P. T. Hughes, two-st'y brick business block, 75′ x 125′, Holladay St.; cost, $22,000.

H. E. Peck, two-st'y brick store, Larimer St.; cost, $7,000; L. A. Heard, architect.

Mrs. H. A. Chichester, double two-st'y brick dwell., 42′ x 63′, Glenarm St.; cost, $10,000; J. H. Littlefield, architect.

R. McMann, terrace of 6 two-st'y brick dwells., 47′ x 125′, Twentieth St.; cost, $20,000; J. H. Littlefield, architect.

W. L. Ward, brick dwell., 40′ x 70′, Grant Ave.; cost, $13,000; H. R. Marshall, New York, architect.

W. L. Ward, terrace of three-st'y brick dwells., 39′ x 125′, Lincoln Ave.; cost, $2,000; H. R. Marshall, New York, architect.

Colorado Mortgage & Investment Co., one-st'y brick stores, 75′ x 115′, Larimer St.; cost, $31,000; J. W. Roberts, architect.

G. W. & Wm. Clayton, four-st'y business block, 50′ x 125′, Larimer St.; cost, $60,000; J. W. Roberts, architect.

New York.

BUILDING MATERIALS. — Brick and cement have advanced; other materials are steady at quotations.

RESIDENCES. — For Mr. Michael Duffy, 41 five-st'y houses, to be built of brownstone and brick, are to be erected on First Ave. and Ave. A, between Seventy-ninth and Eightieth Sts., from designs of Mr. Andrew Spence.

OFFICE BUILDING. — The Mutual Life Insurance Co. will have a fire-proof office-building erected on the site of the old post office building recently purchased by them; plans have not yet been decided on.

APARTMENT-HOUSE. — An apartment-house is to be built on Seventeenth St., w of Second Ave., for Mr. Thos. Osborne.

STEWART STORE. — The alterations and the raising two stories of the Stewart store, cor. Chambers St., will require five million brick.

S IN ROME WERE MADE.—On the west side
mmanuele, where large houses are being built
, a peculiar wall has been found. It gave us
es of marble bodies. As far as I can judge,
ues, but a great many fragments have not yet
the statues, of colossal size, seems to represent
Roman school brought to such perfection under
resents a female figure, perhaps a Faustina,
ely busts of Hadrian, of Antinous, and others.
t what period these works of art were turned

Perhaps they met their fate in the Middle
i not wonder if such things had happened be-
pire. Here is an example of statues walled up
gate is being bored through the walls of the
mmunication between the Esquiline and Saint
Between the third and the fourth tower south
lls, ten feet thick, are patched up in the follow-
face is of brickwork of the time of Aurelian;
to an earlier building, of which Aurelian took
xactly on the line of his projected ramparts.
foundation-wall of a garden, handsomely orna-
ind of mosaic made of shells, colored stones, and
as are often seen in Roman nymphæa and foun-
ows of niches for statues. Three niches have
he new gate, and in front of each one the corre-
bedded in the nucleus of the wall. One repre-
of no artistic value; the second and the third
, bright and spirited in their attitude, well chis-
reserved. — *The Athenæum.*

DER.—The London *Pall Mall Gazette*, in a recent
way red brick is a very good thing indeed. It is
omestic; it sorts well with Dutch and English
but it is not an architectural panacea. In Lon-
imple necessity of the situation; no other good
be had within a convenient distance, and for all
house-building brick or nothing is the Hobson's
house-holder. Under these circumstances our
es of late years, turning over in their heads the
est material for London dwellings, have wisely
nored maxim that Queen Anne is dead, and have
all [redacted]uddy glory, from Fitzjohn Avenue to
w he[redacted] roofs of Bedford Park at Turnham
ed to [redacted]d in brick, they have sensibly decided
entirely upon brick as its material, instead of
upon solid stone, which is unattainable within the
a curious result of this accident or misfortune of
its now begun to show itself in many provincial
uilding-stone is cheap and abundant. Visitors to
their heads the notion that brick is fashionable,
edingly set about building brick houses, brick
blic offices in places where stone is quite as cheap
e. Anxious to be in the height of the architect-
taken to putting up Queen Anne erections where
ver to have shown her royal red face at all. In-
y houses of the same strictly domestic type in
ies adapted to stone, they seem to fancy that if
esthetic fancies at all they must adopt them in
rial and all. In fact, they want to reverse the
nd Baron Haussman, and to leave a city of brick
ity of marble.

N FOR THEATRES.—A tank containing a contin-
r is fitted over the part to be protected; the water
ed for general purposes also. In this tank a cur-
erial is kept immersed, which is caused to descend
and which may be undone automatically, when it
fire-resisting screen. The suctional nature of the
water down the curtain in a siphon-like manner,
cascade of water, flowing down the already satu-
the flames cannot burn. It can be lowered into
ng burned or receiving any damage, a feature that
ished by water-curtains which have to be saturated
The inventors also propose some improved appa-
ling fires by the use of existing gas-fittings. In this
is connected with that for water, having junction-
uil-lines leading to stations inside and out the build-
f gas can be instantly shut off and water turned on
ce, leaving the necessary guide-lights burning. In
at command a multitude of gas-jets, or outlets, le-
hs, wings, set pieces, rows, etc, in the parts in which
nate. Suspending iron rods are applied to existing
ork vertically, thus admitting of their being raised
gridirons without swinging up or down the stage,
g their frequent contact with scenery and effects.
rator of the perfection of the outlets, and the readi-
ratus for extinguishing purposes. For buildings
gas-jets are not so numerous, an apparatus of a dec-
is used, which, although forming part of the existing
nly admit of water passing when needed. By this
er can be set to work simultaneously over the entire
l it be necessary to localize the action to one part
lone, still leaving the other gas burning. — *Iron.*

EAN C[redacted]—The newest of the many Europea
ne fo[redacted]ng Cologne with Antwerp. A Dutch e
or of Brand is said to have already secured from the
and Commerce a promise of warm support. He has
[redacted] recommendation for municipal assistance.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

BUILDING PATENTS.

[Printed specifications of any patents here mentioned, together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

267,326. DRAIN TILE OR PIPE.—Newton B. Childs, Kansas City, Mo.

267,332. WOOD-TURNING LATHE.—Cyrus A. Curtis, Chicago, Ill.

267,336. PROTRACTOR.—Alexander H. Ege, Mechanicsburg, and Chas. D. Walters, Harrisburg, Pa.

267,354. LATHE.—Jacob B. Lisle, Springfield, O., assignor to himself and Oliver S. Kelly, same place.

267,355. WEATHER-STRIP.—William H. Lynchard and George S. Saunders, Mount Pleasant, Iowa.

267,381. BEVEL AND GAUGE.—John S. Thornburg, Clinton, Iowa.

267,385. BRIDGING FOR JOISTS.—Henry D. Walter, Cincinnati, O.

267,398. BOLT.—James P. Black, Nelson, New Zealand.

267,399. FIRE-ESCAPE.—Nicholas H. Borgfeldt, New York, N. Y.

267,447. LOCK-HINGE.—August Müller and Josef Wolf, New York, N. Y.

267,448. LOCK-HINGE FOR SHUTTERS.—August Müller and Josef Wolf, New York, N. Y.

267,479. CHIMNEY-COWL.—Winfield S. Beebe, Middletown, Conn.

267,481. CENTERING BEVEL AND TRY SQUARE.—Charles L. Bellamy, Arlington, N. J.

267,495. PAINT.—Geo. J. Cline, Goshen, Ind.

267,499. GRATE-BASKET.—Charles F. W. Dankers, New Orleans, La.

267,503. BURGLAR-ALARM.—Russell G. Dudley, Jersey City, N. J.

267,504. FIRE-ESCAPE.—J. Paris Dunn, Brooklyn, N. Y.

267,505. WRENCH.—James Du Shane, South Bend, Ind.

267,515. SCAFFOLD.—Robert M. Googe, Fleming, Ga.

267,541. SAFETY-GUARD FOR ELEVATOR-HATCHWAYS.—Edward G. Kendall, Boston, Mass.

267,578. FIRE-ESCAPE.—Robert Pallett and Francis Nahedy, New York, N. Y.

267,591. BIT AND COUNTERSINK.—Aurelius O. Revenaugh, Jackson, Mich.

267,619. ROLLING WINDOW-SCREEN.—Thomas Tribe, Colorado Springs, Col.

267,649. STOP FOR ELEVATORS.—Lorenzo D. Hawkins, Stoneham, and John H. Webster, Boston, Mass.

SUMMARY OF THE WEEK.

Baltimore.

BUILDING PERMITS.—Since our last report thirty permits have been granted, the more important of which are the following:—

Wm. Diven, three-st'y brick building, e s Gilmor St., s of Baker St.

Elizabeth W. Long, 2 three-st'y brick buildings, e s Gilmor St., s of Baker St.

Wm. Horn, 2 three-st'y brick buildings, n s Orleans St., e of Eden St.

Ferdinand Passano, 4 two-st'y brick buildings, Madeira Alley, between Pratt and Gough Sts.

O. Swingley, three-st'y brick building, w s Arlington Ave., s of Edmondson Ave.

George Beck, two-st'y brick building, Hampstead St., between Bond and Bethel Sts.

W. T. Phillips, 7 three-st'y brick buildings, w s Gilmor St., commencing n w cor. Gilmor and Mulberry Sts.

J. B. Irvine, 4 two-st'y brick buildings, w s Mount St., s of Franklin St.

J. B. Irvine, 7 three-st'y brick buildings, w s Mount St., n of Baltimore St.

J. B. Irvine, 7 three-st'y square brick buildings, Mount St., between Baltimore and Fayette Sts.

John Fox, 4 three-st'y brick buildings, Pressman St., between Etting St. and Druid-Hill Ave.

John N. Foss, 7 two-st'y brick buildings, Chesapeake St., between Hudson and Lancaster Sts.

E. W. Gorman, 3 two-st'y brick buildings, Luzerne St., between Alice-Ann St. and Canton Ave.

Stephen McGowan, 6 two st'y square brick buildings, Sterrett Alley, between Hamburg and Cross Sts.

Paul Armonn, two-st'y brick building, e s Cannon St., n of Alice-Ann St.

Israel Gable, two-st'y brick stable, in rear of 128 Ridgely St., between Cross and West Sts.

Brooklyn.

BUILDING PERMITS.—*Bushwick Ave.*, w s, 59' s McKibben St., three-st'y frame store and tenement, tin roof; cost, $3,500; owner, etc., Henry Loestler, 192½ Stockton St.

Seabhope St., s s, 150' e Central Ave., three-st'y frame tenement, gravel roof; cost, $3,500; owner, etc., Chas. Ishill, 459 Herkimer.

Java St., No. 59, n s, 175' e West St., three-st'y frame tenement, tin roof; cost, $4,000; owner, W. H. Navarrow, 61 Java St.; builder, Thos. Davis.

Waverly Ave., e s, 240' n Atlantic Ave., one-st'y brick stable, gravel roof; cost, $3,200; owner, Mr. Richardson, 656 Washington Ave.; builders, John J. Bintzen and Howard J. Smith.

South Second St., No. 225, n s, 100' e Sixth St., three-st'y and basement brick dwell., tin or gravel roof; cost, $9,500; owner, Thomas N. Harris, 597 South Second St.; architect, Ernest Dennis; builder, William L. Langridge, Jr.

Newtown Creek, 600' n Greenpoint Ave., one-st'y brick storage shed, gravel roof; cost, $9,000; owner, L. V. Sone, 116 Pearl St., New York; builders, Jas. Rooney and Thomas Davis.

Freeman St., No. 213, n s, 123' w Oakland Ave., three-st'y frame tenement, felt and gravel roof; cost, $3,150; owner, Mr. Horkins, Freeman St.; architect, A. Gamble; builders, Peter Cawley and Port & Gamble.

Broadway, e s, 80' n Van Buren St., three-st'y frame store and dwell., tin roof; cost, $4,000; owner, James P. Little, 1019 Broadway; architect and builder, R. H. Hensman.

Park Ave., n e cor. Grand Ave., 2 four-st'y brick stores and tenements, tin roof; cost, each, $9,000; owner and builder, N. F. Griffiths, 94 Clason Ave.; architect, J. D. Reynolds.

Skillman St., Nos. 27 and 29, one-st'y brick mill, gravel roof; cost, about $3,500; owner, Gutta Percha and Rubber Co., office, Franklin Ave.; architect, John Murphy; builders, Jas. Noble and P. O'Brien.

Troy Ave., No. 38, w s, 160 s Herkimer St., three-st'y frame dwell., tin roof; cost, $3,000; owner, J. B. King, 5 Bainbridge St.

Boston.

BUILDING PERMITS.—*Brick.—Tufts St.*, cor. Medford St., Ward 3, for City of Boston, two-st'y flat storage and workshop, 30' x 48'; Fred. H. Tarbox, builder.

Newbury St., No. 239, Ward 11, for Silas W. Merrill, three-st'y and mansard dwell., 25' x 55'; Silas W. Merrill, builder.

Wood.—Farnham St., near Gerard St., Ward 20, for O. H. Drisko & Co., two-st'y flat box-manufactory, 50' x 10'; O. H. Drisko & Co., builders.

Central Ave., near Berry St., Ward 23, for Edw. K. Johnson, two-st'y pitch dwell., 18' x 28'; John A. Crosby, builder.

Chestnut St., near South St., Ward 23, for Wm. J. Miller, 2 two-st'y pitch dwells., 19' x 30'; ell, 10' 6" x 12'; John C. Betts, builder.

Shelton St., near Adams St., Ward 24, for Bernard Minton, one-st'y pitch greenhouse, 16' x 116'; Michael Ryan, builder.

Warren St., near Howland St., Ward 21, for S. S. Campbell, two-st'y pitch dwell., 14' and 26' 6" x 40'; C. H. Wetmore, builder.

Bearse Ave., near Butter St., Ward 24, for Frank Rogers, two-st'y pitch dwell., 21' and 24' 6" x 28'; ell, 15' x 16'; Frank Rogers, builder.

I St., cor. East Fifth St., Ward 14, for Messrs. Locke & Nolan, 6 one-st'y mansard dwells., 19' x 36'; Locke & Nolan, builders.

I St., cor. East Fifth St., Ward 14, for Messrs. Locke & Nolan, one-st'y pitch storage, 25' x 35'; Locke & Nolan, builders.

Virginia St., near Bird St., Ward 20, for Frank L. Young, two-st'y pitch dwell., 26' x 29' and 35'; M. Shields, builder.

Mt. Bowdoin Summit, near Mt. Bowdoin Ave., Ward 24, for Andrew J. Mallon, two-st'y pitch dwell., 56' and 63' x 68'; J. W. Coburn & Co., builders.

Wakulla St., near Dale St., Ward 21, for Christopher Kenney, two-st'y pitch dwell., 22' and 25' x 30'; ell, 20' x 22'; Kennedy & McHeffey, builders.

West Sixth St., No. 102, Ward 13, for Patrick Keenan, three-st'y flat dwell., 22' x 42'; Patrick Hanlon, builder.

Brighton Ave., near Linden St., Ward 23, for Samuel N. Davenport, two-st'y pitch dwell., 32' x 34'; ell, 7' x 21'; Samuel N. Davenport, builder.

Chicago.

STRIKE.—The threatened strike of the bricklayers, if it is consummated, will have the effect of seriously delaying many buildings now in the course of erection. The trouble is that they demand pay for ten hours' work, whether it is performed or not. The days are getting so short that it is impossible to work after five o'clock, and thus an hour is lost, which employers refuse to pay for. It would seem that it is too late in the season to inaugurate such a move, as cold weather will soon put a stop to all operations, and the amount gained, even if they should be successful in their demands, would be far less than the amount lost through being idle for a few weeks or even days.

HOUSES.—Horace F. Waite is to build three pressed brick dwellings with stone finish, three-st'y and basement; to cost $25,000; Treat & Foltz, architects.

APARTMENT HOUSES.—S. B. Williams is building a four-st'y and basement apartment house on Locust St., near Wells St., 55' x 70', which will cost $30,000; from plans by Treat & Foltz; and E. Earnshaw is to build an apartment house on Ontario St., near Pine St., to cost $20,000; designed by the same architects.

BUILDING PERMITS.—Mrs. Mary Keller, 3 three-st'y brick stores and dwells., 60' x 100', 2-9 to 237 W. Harrison St.; cost, $29,000; G. Zucker, architect.

Elizabeth H. North, three-st'y and basement brick dwell., 30' x 70', 26 Walton Place; cost, $10,000.

Smith & Coplein, two-st'y and basement brick store and dwell., 40' x 60', 53 and 55 Wells St.; cost, $4,800.

A. T. Ewing, 12 two-st'y brick dwells. 20' x 38', cor. Thirteenth and Oakley Sts.; cost, 25,000.

C. F. Gross, one-st'y and basement brick store, 47' x 70', 272 and 274 Sedgwick St.; cost, $3,500.

Henry F. Sheridan, two-st'y and basement brick dwell., 22' x 46', cor. Twenty-sixth and Murray Sts.; cost, $5,000.

Robert C. Hoopes, two-st'y brick dwell., 22' x 44', 1314 Jackson St.; cost, $4,500.

John Fortune, two-st'y and basement brick dwell., 23' x 42' 213 So. Sangamon St.; cost, $3,000.

C. A. Holander, three-st'y and basement brick dwell., 22' x 82', 94 Sedgwick St.; cost, $6,000.

M. Loskie, two-st'y and basement brick store and dwell., 21' x 51', 658 Dixon St.; cost, $2,100.

Toolen & Maloney, two-st'y and basement brick dwell., 21' x 50', 3543 Dearborn St.; cost, $3,500.

D. L. Pinckney, three-st'y and cellar brick flats, 53' x 61', 153 and 155 So. Wood St.; cost, $8,000.

John Moeller, three-st'y and attic brick store and dwell., 24' x 62', 2243 Wentworth Ave.; cost, $6,000.

Geo. Trumbull, 2 two-st'y and basement brick dwells., 41' x 53', Ellis Ave., s of Thirty-seventh St.; cost, $8,000.

John Sokup, three-st'y and basement brick store and flats, 25' x 80', 1176 Milwaukee Ave.; cost, $8,000.

P. Rabbitt, two-st'y and basement brick store and dwell., 24' x 70', 609 Centre Ave.; cost, $4,000.

Cincinnati.

FACTORY.—The Strobridge Lithographing Company are to erect a new building for their business. The site is on the canal near Elm St., fronting 153 feet on the canal, and being 99 feet deep. It will be six-stories, of a plain but substantial character, and will cost about $50,000; Mr. Samuel Hannaford is the architect.

BUILDING PERMITS.—John Wile, three-st'y brick dwell., No. 115 Browne St.; cost, $6,000.

Henry Jacob, three-st'y brick dwell., Jefferson St., near Corey St.; cost, $6,000.

Three permits for repairs; cost, $200.

Cleveland.

RAILROAD BUILDINGS.—Passenger station and trackhouse, for the New York, Chicago & St. Louis Ry., (East side) cost, $65,000; Louis Cowles, architect; Chas. E. Cole, superintendent.

Freight-house (East side), wooden; cost, $13,000; Louis Cowles, architect; Chas. E. Cole, superintendent.

Passenger station (South side); cost, $6,000.

Freight-house (South side); cost, $3,000; Chas. E. Cole, architect and superintendent.

Mr. Cole has also made plans for quite a little passenger station at Euclid Ave., on entrance to Lake View Cemetery, where President Garfield is buried, to cost $4,000; but which has not been commenced yet.

Detroit.

BUILDING PERMITS.—The following are the most important of the permits granted since our last report:—

A. C. Varney, double brick house, No. 229 Howard St.; cost, $4,000.

A. E. French, brick house, Montcalm St.; cost, $3,400.

E. Schwickling, 2 brick stores, Michigan Ave.; cost, $6,000.

Gideon Vivier, 2 brick houses, Twelfth St.; cost, $4,000.

Sutton & Backus, brick house, Forest Ave.; cost, $4,500.

R. S. Hawley, frame house, Hancock Ave.; cost, $3,000.

Bray & Son, brick house, Adams Ave.; cost, $8,000.

T. S. Heath, brick house, No. 70 Adams Ave.; cost, $1,500.

H. Scheible, frame house, Orleans St.; cost, $2,000.

Leo Scheible & Co., brick house, Clinton Ave.; cost, $3,800.

Geo. Hatt, frame house, Alexandrine Ave.; cost, $3,100.

Kirshner & Co., frame house, Seldon Ave.; cost, $3,500.

S. Beattle, brick house, Garfield St.; cost, $3,500.

M. Scoville, brick house, Macomb Ave.; cost, $5,000.

W. H. Holcomb, brick house, Fourth Ave.; cost, $5,000.

H. Carew, double brick dwell., Elizabeth St.; cost, $5,000.

Hart & Co., brick factory, Franklin St.; cost, $25,000.

New York.

COMPETITION.—New York Mutual Life Ins. Co. has requested six eminent architects to submit paid competition plans for their new building.

NEW WORK.—Very few important buildings have lately been projected in the architects' offices, but recent sales of real estate, with conditions for improvements attached, necessitate a considerable amount of new work. Nothing has yet been decided on the New York Mutual Life Insurance Building or the Cotton Exchange, and several other large building enterprises are in abeyance, including two theatres.

HOUSES.—8 three-st'y dwells., to cost $100,000 are to be built by Mr. Stephen Wright.

CONTRACT.—The contract for glazing work at the Barge Office, has been awarded to Simon Bache, and the contract for heating the southern wing of the extension to the Custom-House, Cleveland, to Bartlett, Hayward & Co., at $8,900.

BUILDING PERMITS.—*Broome St.*, s e cor. Goerck St., five-st'y brick tenement and store, tin roof; cost, $16,000; owner, Dieterich Ottersted, Spring Valley, N. J.; architect, John McIntyre; builder, H. Holwedel.

Broome St., s s, 25' e Goerck St., five-st'y brick tenement and store, tin roof; cost, $15,000; owner, architect and builder, same as last.

Cliff St., No. 83, five-st'y brick boiler and storage-house, tin roof; cost, $20,000; owners, Harper Bros., Franklin Sq.; architects, J. C. Cady & Son; builder, Marc Eidlitz.

East Sixteenth St., Nos 429 and 433, 2 five-st'y brick tenements, tin roof; cost, each, $14,000; owner, John Schmitt, 602 East Seventeenth St.; architect, J. Hoffmann.

Twenty-second St., s s, 175' e Eighth Ave., 2 five-st'y brick apartment-houses, tin roof; cost, each, $25,000; owners and builders, W. P. and A. M. Parsons 842 Lexington Ave.; architects, Thom & Wilson.

West Thirty-fourth St., Nos. 524 and 526, five-st'y brick paper-hanging factory, gravel roof; cost, $22,000; owner and architect, Richard Gledhill, 423 West Thirty-fourth St.; builders, W. B. Pettit and Jno. Farrell.

West Forty-fourth St., No. 32, two-st'y brick stable and dwell., tin or gravel roof; cost, $12,000; owner, Washington E. Connor, 11 East Forty-fifth St.; builders, Jacob V. Myers, and A. G. Bogart & Bro.

First Ave., No. 140, three st'y brick office and factory, gravel roof; cost, about $6,500; owner, Carl H. Schultz, on premises; architect, E. F. Baht; builders, Joseph Johnston and C. W. Klappert's Sons.

East Twenty-seventh St., No. 226, five st'y brick